



AMERICAN  
PRINTING  
HOUSE 

# INSTRUCTIONAL 2020-2021 PRODUCTS CATALOG



# We're Proud to Introduce This Year's New and Revised Products!

Azer's Periodic Table <b>R</b> .....	72	I-M-ABLE Kit .....	127
Braille Trail Reader LE .....	154	Insights Art Calendar 2021 <b>R</b> .....	183
Code Jumper .....	150	KeyMath3 .....	13
Color Raceway Kit .....	171	Ledge Set .....	137
Dycem .....	137	LED Light Box <b>R</b> .....	134
Feel 'n Peel Sheets:		LED Mini-Lite Box <b>R</b> .....	134
Carousel of Textures II .....	100	Math Drill Cards, UEB .....	52
Feel 'n Peel Stickers:		Paint By Number Safari:	
UEB Braille/Print Numbers 0-100 .....	101	Backyard Creatures .....	82
Feel The Beat .....	83	Quick Pick: Braille	
Flip-Over Concept Book: FRACTIONS ....	51	Contractions, UEB <b>R</b> .....	92
Flip Over FACES App .....	152	Tactile Five and Ten Frames .....	51
Health Education For Students With Vi:		TactPlus Printer and Paper .....	151
Teacher Guide .....	71	TactileDoodle Kit .....	92
Hop-A-Dot Mat .....	171	Topaz Filters .....	129
Hundred Board <b>R</b> .....	51	Wilson Reading System <b>R</b> .....	46-47
Illinois Braille Series, Book 2 <b>R</b> .....	178	WRAT5 .....	14

## Coming Soon!

Chameleon 20 .....	4
Juno Magnifier .....	6
Mantis Q40 .....	4
PageBlaster Embosser .....	5
PixBlaster Embosser .....	5



# APH ConnectCenter

FamilyConnect

APH CareerConnect

Information & Referral  
800 Number

VisionAware

Directory of Services

Social Media

Birth

College

Workplace

Seniors

INTERNATIONAL

- **APH Information & Referral 800 Number** provides free information on virtually any topic related to visual impairment and blindness. Call toll-free **1-800-232-5463** (U.S. and Canada) or email **connectcenter@aph.org**
- **Directory of Services** lets anyone find services in his or her local area with a simple search. Lists over 2,000 agencies in the U.S. and Canada.
- **FamilyConnect.org** gives parents of children who are visually impaired a place to find resources and support.
- **APHCareerConnect.org** provides career exploration tools and job-seeking guidance for individuals with vision loss and professionals who work with them.
- **VisionAware.org** helps adults who are losing their sight continue to live full, independent lives by providing daily living techniques and a supportive online community.

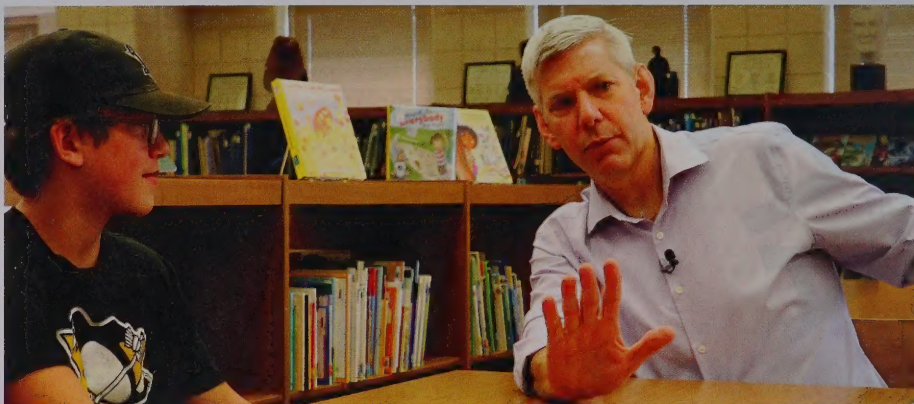
## Preserving Vital Content, Building for the Future

APH is honored to preserve and refresh these vital resources. The ConnectCenter websites were relaunched in Spring 2020 with a new look and feel, and revitalized content. Be sure to follow us on social media and sign up to join our email distribution list.



# President's Message

Our Instructional Product Catalog is an APH staple, designed each year based on valuable feedback received from our customers across the country. With our print catalog last year, we also launched our new and fully accessible website. Like all things innovative and new, our website and its provided



shopping experience has continued to evolve and improve over the course of time. I want to thank all of you for working with us to provide the best possible experience. We know that we have more work to do, and we are committed to continual improvement.

Based upon your feedback, we developed a list of priority issues to enable users to more easily navigate through the shopping experience. Below are only some of the significant enhancements made to-date, along with some very important improvements to come throughout 2020:

- Added *Replacement Part(s)* and *Free Matter for the Blind* indicators
- Ability to search by ISBN
- Ability to edit TVI orders and automate shipping calculations for those orders
- Duplicate PO validation
- *Save to Cart* feature
- *Back Order* emphasis on product order pages

Future Enhancements (not all inclusive):

- Realigning and refining search Categories to expand the index of product results
- Shared account dashboard view between EOT and OOA
- Address Management
- Louis Database integration and rebranding
- Weekly order summary email to EOTs\OOAs
- Redesign the *Quick Order* and *Wish List* features

We hope you will enjoy an improved shopping experience. As always, please continue to offer suggestions and comments to improve this experience.

Warmly,

Craig Meador



# Table of Contents

<b>Assessment</b> .....	12
<b>Early Childhood</b> .....	21
<b>Core Curriculum</b>	
English Language Arts .....	44
Mathematics .....	49
Science and Health .....	68
Social Studies: History, Geography, and Economics.....	77
Fine Arts .....	80
Business and Vocational Education.....	85
Physical Education .....	86
<b>Expanded Core Curriculum</b>	
Communication Modes and Literacy Education .....	90
Visual Efficiency and Low Vision .....	128
Orientation and Mobility.....	142
Access Technology .....	149
Career Education and Transition .....	158
Self-Determination.....	160
Daily Living and Social Interaction.....	161
Recreation and Leisure .....	169
<b>Videos</b> .....	176
<b>Resources for Professionals</b> .....	177
<b>Gifts</b> .....	183
<b>Other Services from APH</b> .....	184
<b>How to Order, Returns Policy, Warranty and Repair Policy</b> .....	189
<b>Index</b> .....	197

**Prices Effective June 1, 2020**

**Note:** The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and other adults with students who are blind and visually impaired.



**Warning:** These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.



# What's the best way to learn?

## *Your way.*

APH has developed a braille roadmap of products designed to promote braille literacy and innovation, at the lowest possible cost. To date, the BrailleBuzz™, Orbit Reader 20™, and the Braille Trail Reader LE make up our collection of products, but some new and very exciting offerings are soon to be released!

In partnership with HumanWare, we'll soon be launching the Mantis Q40™ and Chameleon 20™ – both are feature-loaded refreshable braille displays designed with the classroom in mind.

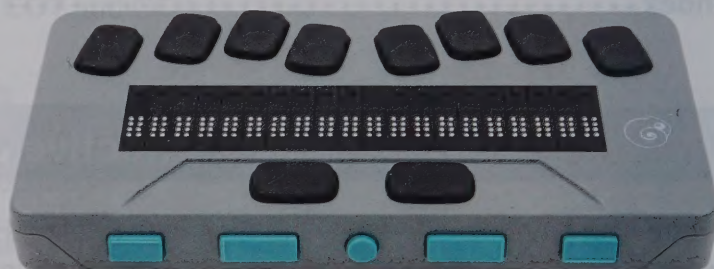
**Mantis Q40** – a first-of-its-kind, Bluetooth® keyboard and 40-cell refreshable braille display.

- Ideal for both students and professionals: ensures that users don't have to sacrifice the use of braille when typing on a keyboard.
- Bluetooth® wireless technology: connect to multiple host devices using screen readers such as VoiceOver, JAWS, and NVDA.
- Basic editor to function as a user's pen and paper.
- Book reader to download and read books in braille.
- Calculator to perform basic mathematics calculations.
- 16 GB of internal storage.
- USB-C charging port.
- Clock to check the date and time.
- File manager to organize one's work.



**Chameleon 20** – enhances the classroom experience through innovation with a fun, positive technology experience that reinforces the joys of reading and writing.

- Same software and applications as Mantis Q40.
- 20 refreshable braille cells.
- Students can complete lessons in braille, and send content to teacher in print.
- Edit doc, docx, txt, brf, and brl files.
- Easily switch between contracted and uncontracted braille.
- Includes a series of nature/insect-themed tactile stickers to enhance the imagination, as well as three colored “bumper cases” (pomegranate, purple, and teal) from which to choose, based on student preference.



Stay tuned to your email and APH News for exciting announcements regarding the availability of these products.



# Be the BOSS of your Embosser

## Embossing Made Easy with PageBlaster™ and PixBlaster™

There are already many potential barriers between students and the braille they need – working with hardware shouldn't be one of those barriers! That's why APH has partnered with HumanWare™ and ViewPlus® to bring two embossers to quota for the first time ever.

Designed for use with APH's BrailleBlaster™ software, the PageBlaster and PixBlaster embossers quickly, easily, and cost-effectively provide students with quality braille and tactile graphics.

### PageBlaster and PixBlaster

- prominently feature, are compatible with, and make use of APH's braille transcription software, BrailleBlaster.
- work as a printer on any business or home network.
- produce high-quality, double-sided interpoint braille and tactile graphics.
- support Duxbury and other popular translation programs.
- include accessibility features, such as tactile, accessible labels on the control panel.
- are compatible with Mac, Windows, and mobile devices.
- have USB and Wi-Fi connectivity.
- include QR codes that link to training tutorials.



Stay tuned to your email and APH News for exciting and up-to-date information about the availability of these products. Together, we'll continue to blast down barriers to braille access!



# Magnify your World with APH's Family of Magnifiers

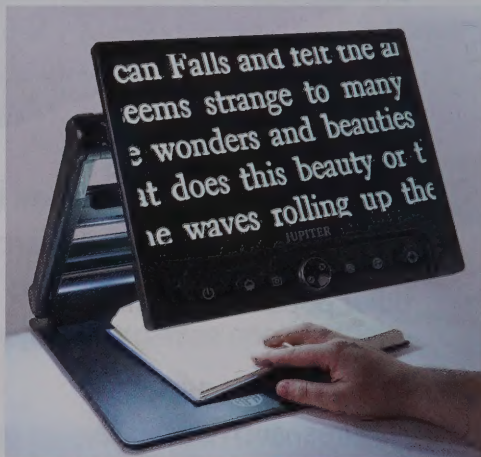
From high-tech to basic, and desktop to handheld – APH is sure to have a magnifier that fits your needs! And, we're adding a new addition to our family soon.

## DESKTOP MAGNIFIERS

**MATT Connect** – a high-tech, compact, all-in-one magnifier, distance viewer, and educational Android tablet. Customize your learning experience through the three interfaces of your MATT Connect: from simple magnification settings to pre-loaded and feature-rich software options designed for learners of all ages and skill levels. Now with new features, including a Desmos calculator, enhanced gallery management, and notes application.

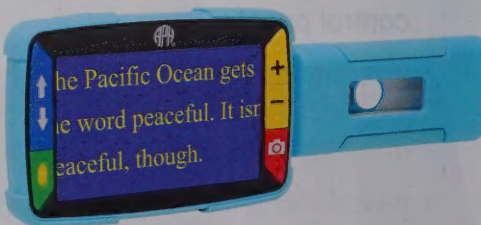


**Jupiter** – a simple and easy-to-use magnifier, with powerful 150x HD magnification. It is perfect for users of all ages, whether in the classroom, at work, or at home. With Jupiter, you can continue to do the things you love, such as reading your favorite book, completing a homework assignment, painting your fingernails or shaving your beard, and enjoying your favorite hobbies, like bird watching and knitting.



## HANDHELD MAGNIFIERS

**VideoMag HD** – perfect for students and adults, this handheld magnifier provides crystal-clear, full-color images by magnifying whatever appears under its auto-focus HD camera by 2x to 13x. Ideal for viewing small print labels, price tags, receipts, and more.



**Juno** – as we expand our magnifier product line, we are developing a new video magnifier with the following features. Stay tuned to your email and APH News for up-to-date information about the availability of Juno.

- Larger 7-inch screen
- OCR capability
- Built-in stand
- Distance, near, self-view and handwriting view
- Touch screen
- High contrast tactile buttons
- Audible menus





# APH Press

American Printing House for the Blind

APH Press presents the latest research and methods proven to support the education and development of people who are blind or visually impaired. Released in early 2020, **Access Technology for Blind and Low Vision Accessibility** provides solutions for overcoming the barriers people who are blind or visually impaired face in accessing print and digital media. Upcoming in 2020, **Foundations of Vision Rehabilitation Therapy** builds on Paul Ponchillia and Susan Ponchillia's seminal work **Foundations of Rehabilitation Teaching with Persons Who Are Blind or Visually Impaired**, offering proven methods to help people with visual impairments develop skills and gain confidence that will equip them to lead independent, fulfilling lives. To be released later in 2020, **Babies with CVI** offers information on improving educational and development outcomes for children 0 through 36 months who have cortical visual impairment.





# Core and Expanded Core Curriculum

## Core and Expanded Core Curriculum Definitions

### Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

### Expanded Core Curriculum

The American Printing House for the Blind, and most professionals in the field, firmly believe that students who have a visual impairment need an expanded core curriculum that encompasses additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with a visual impairment.

**Dr. Philip Hatlen** (1934–2016) Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame on our website, [aph.org](http://aph.org), please search for Hall of Fame inductees Hatlen.

### Mission Statement

Empowering people who are blind or visually impaired by providing accessible and innovative products, materials, and services for lifelong success.

### Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

### Catalog Production Credits

**Design:** Laura Greenwell, Anthony Jones, Stephanie Lancaster

**Editors:** MaryGen Boley, Leslie Farr Knox, Jessica Minneci

**Project Assistants:** MaryGen Boley, Anthony Jones, Leslie Farr Knox

**Committee:** MaryGen Boley, Anne Durham, Doug Eder, Laura Greenwell, Kate Herndon, Anthony Jones, Leslie Farr Knox, Stephanie Lancaster, Jim Kreiner, Heather MacKenzie, Craig Meador, Chris Prentice, Cathy Senft-Graves, Larry Skutchan



# CVI Website and APH Products

## Website Offers a Wealth of CVI Information

APH offers free information about Cerebral/Cortical Visual Impairment, or CVI, to consumers via the web. Sections include a definition of CVI, intervention strategies, advocacy and resources, and much more.

The website is an evolving resource of current knowledge on this leading cause of visual impairment. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, please visit [cvi.aphtech.org](http://cvi.aphtech.org).

## Suggested APH Products for Children With CVI

Following are products that may be appropriate for use with children who have Cerebral/Cortical Visual Impairment. Comprehensive assessment should determine which products are best matched to your learner's needs.

All-In-One Boards: 1-08833-00, 1-08836-00 .....	93
Bright Shapes Knob Puzzles: 1-03722-00 .....	23
Color Raceway Kit: 1-08461-00 .....	171
CVI Complexity Sequences Kit: 1-08156-00 and eBook: D-03610-ED .....	139-140
CVI Book Builder: 1-08825-00 .....	130
Increasing Complexity Pegboard: 1-08160-00 .....	131
Invisiboard: 1-08541-00 .....	140
Joy Player: 1-07089-00 .....	34
LED Light Box: 1-08655-00 and LED Mini-Lite Box: 1-08654-00 .....	134
Light Box Materials Kit, Level I: 1-08670-00 and Level II, full kit: 1-08680-00 .....	136
Pegs/Pegboard: 1-08665-00, Familiar Object Picture Cards: 1-08666-00 .....	138
Match Sticks: 1-08157-00 .....	133
Mini-Lite Box Overlays: 1-08659-00 .....	135
Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00 .....	148
Sensory Learning Kit (SLK): 1-08611-00 .....	34
Spangle Tangle: 1-08755-00 .....	39
Spinner Overlays for the Light Box: 1-08692-00 .....	135
Swirly Mats: CVI: 1-08153-00 .....	139
Swirly Mats II: CVI: 1-08158-00 .....	139
TADPOLE Kit (selected items): 1-08155-00 .....	16
ToAD Kit (selected items): 1-08152-00 .....	16
VIPS@Home Parent Empowerment Program: 8-00075-00, 8-00076-00, 8-00078-00 .....	42



# General Information

## Service for 160+ Years

Since 1858, APH has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living.

## Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

## Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds (i.e. checks, credit cards, or purchase orders). Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Pricing in this catalog reflects pricing for our Federal Quota educational customers. Pricing may vary for non-Quota

customers. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective June 1, 2020. Prices are subject to change without notice.

## Ordering on the Web

You can browse and search for APH products, then order using Federal Quota funds, a purchase order, or a credit card.

## Questions?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 8:00 p.m. Eastern Time: 1-800-223-1839 (U.S. and Canada) or email [info@aph.org](mailto:info@aph.org)

## Important Icon Legend



### CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.



### Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.



### UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).



### Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.



### Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit <https://sites.aph.org/manuals/> to download a manual.



### New Product



### Revised Product



## APH Products for Sensory Impairments and Additional Disabilities

Children and adults with both visual impairments and multiple disabilities are diverse in their strengths and interests. APH has long embraced inclusive strategies in product development, resulting in many products appropriate for individuals who have visual and/or aural impairments, and other disabilities. Many APH products are beneficial for learners with visual and multiple impairments. Below are featured highlights.

### APH Intervention Continuum – Three Sequential Kits

APH recommends that learners use the following three products sequentially:

#### **Sensory Learning Kit (SLK)** — page 34



This kit is an extensive set of sensory items, assessments, and written materials that help the most significantly challenged learners increase their curiosity and attention while developing specific skills.

#### **SAM: Symbols and Meaning** — page 102

This kit is for learners with visual and multiple impairments, and pre-school children with visual impairments who are beginning to use symbols. <http://tech.aph.org/samvid>

#### **Tactile Connections: Symbols for Communication** — page 102

This kit helps learning partners create a tactile card communication system for learners who lack a formal means of communication. The versatility of the kit allows for symbolic skill expansion from concrete to more abstract, and from single-word to multi-word communications.

#### **Child-guided Strategies: The Van Dijk Approach to Assessment** — page 17

An easy-to-use guidebook with an accompanying DVD or flash drive that follows the assessment of a baby, a young child, and a teenager.

#### **Expandable Calendar Boxes** — page 102

A single “now” or “anticipation” box lets a learner know what is about to happen in his world. Two boxes together provide the concept of “now and next.” Three boxes create a calendar.

#### **Joy Player** — page 34



APH designed its personal music player to accommodate individuals of any age who have multiple challenges. This digital music player plays WAV and MP3 files.

#### **Reach & Match Learning Kit and Inclusive Learning Program** — page 25



This inclusive-designed product encourages self-teaching and group interaction. Active learning teaches colors, shapes, textures, orientation, and print letters and braille. Children learn concepts of near/far and front/back.

#### **Spangle Tangle** — page 39

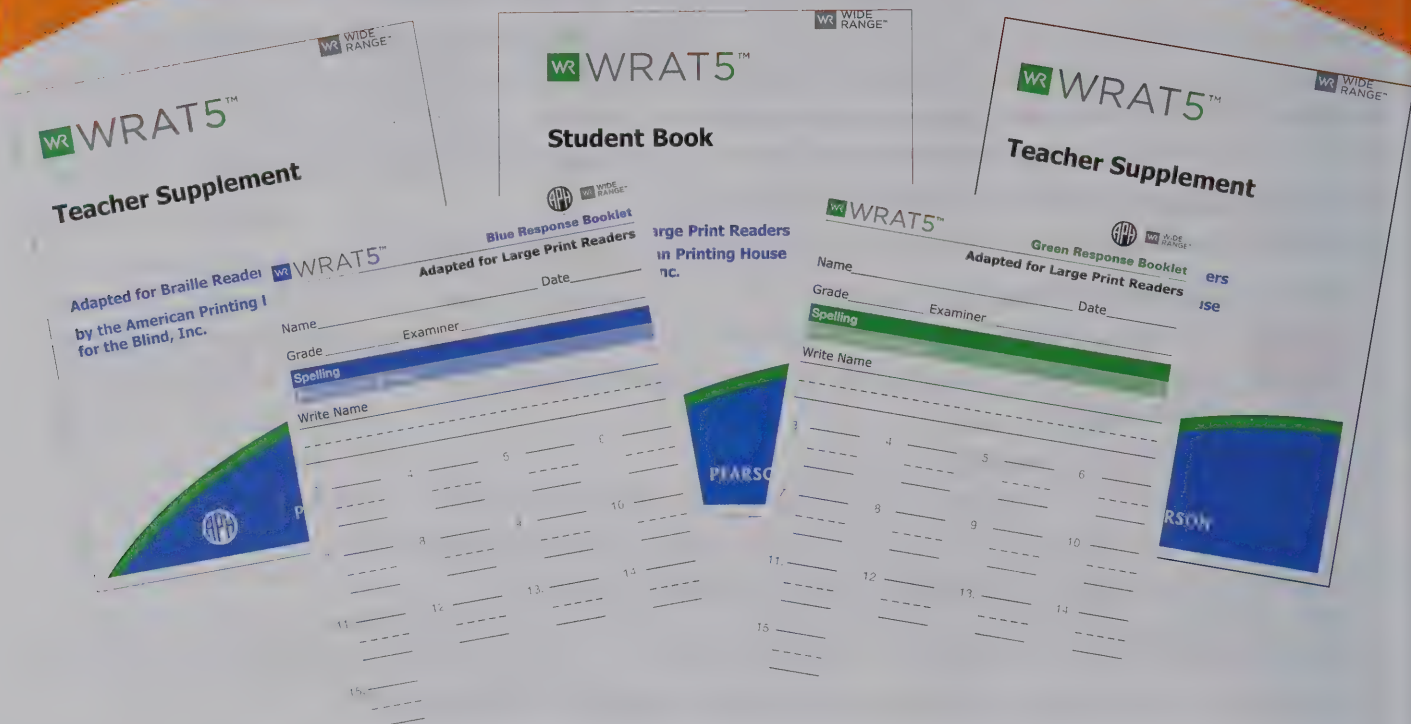
The reflective twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills. This fun kit includes self-sticking stands for use on tabletop or wheelchair tray.



**YouTube**



# Assessment Section Index



## Accessible Multiple Choice Answer Sheets:

Braille, Large Print, Pop-A-Dot .....	18
Boehm-3 Kits .....	15
Brigance Diagnostic Comprehensive Inventory .....	19
Child-guided Strategies: The Van Dijk Approach to Assessment .....	17
Functional Vision and Learning Media Assessment .....	17
KeyMath3 <b>N</b> .....	13
NewT Kit .....	16
TADPOLE Kit .....	16
Teacher's Pet .....	20
ToAD Kit .....	16
Woodcock-Johnson (WJ IV) .....	20
WRAT5 <b>N</b> .....	14

## Assessment Related Products

All-In-One Boards .....	93
CVI Complexity Sequences Kit .....	139-140
Functional Skills Assessment .....	163
Increasing Complexity Pegboard .....	131
Invisiboard .....	140
Light Box, Materials, and Related .....	134-139
Math Flash Software .....	54
Quick Pick Series .....	63
Reach for the Stars .....	23
SAM: Symbols and Meaning .....	102
Sensory Learning Kit (SLK) .....	34



## KeyMath3 UEB with Nemeth

Aligned with the NCTM standards, this diagnostic assessment measures essential mathematical concepts and skills for students in Pre-K through ninth grades.

Administration time is usually 30-90 minutes, and features 10 subtests that cover basic concepts, operations and applications.

### Braille Student Kit

Each braille kit offers three spiral-bound volumes presented in UEB with Nemeth. Contracted and uncontracted kits are available separately. Ten Test Record Forms are included in this kit. Teacher Guides for these kits must be purchased separately.

#### Contracted

5-65703-00 \$239.00

#### Uncontracted

5-65704-00 \$239.00

### Teacher Guides for Student Braille Kit

Provided in three spiral-bound volumes, and paired with teacher's selection of either contracted or uncontracted braille Student Books. Each math item is presented with student content on the left (in print for administrators not proficient in braille), and a scripted teacher administration guide with correct responses on the right.

7-65704-00 \$209.00

### Large Print Kit

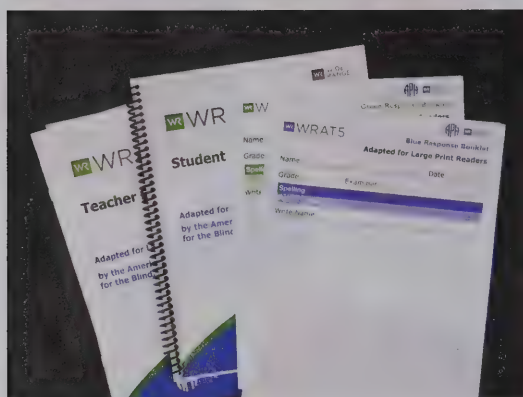
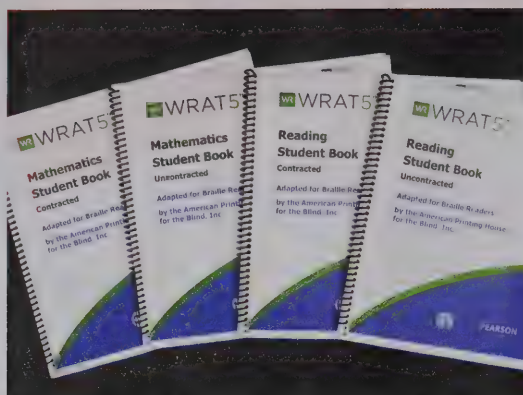
Student Books are offered in three spiral-bound volumes, and are accompanied by three Teacher Guides. Ten Test Record Forms, and ten Written Computation Examinee Booklets are also included in this kit.

7-65703-00 \$349.00

**Note:** It is strongly suggested that a copy of the administration manuals be obtained for a clear understanding of the scoring and analysis of results. These materials must be ordered directly from Pearson Clinical Assessment 1-800-627-7271.







## WRAT5 **N** **UEB**

This quickly administered assessment (less than 45 minutes) provides immediate feedback to the teacher, expediting the development of the IEP or comparable education plan for the student. WRAT5 is individually administered, enabling the teacher the opportunity to observe the student as he/she proceeds through the assessment and thus determine areas of strengths and needs in reading, math, spelling, and comprehension skills. Provided forms give teachers the ability to assess a student multiple times for initial evaluation, re-evaluation, or for incremental progress checks.

### Braille

6-79530-00 \$152.00

### Print

7-79530-00 \$299.00

“

The tactile diagrams in the braille edition are easy to interpret. APH does a wonderful job adapting materials for our students who read braille. An invaluable resource!

”

“

Overall, this is a good product. I have used similar products with tactile graphics that were not as well made as this one.

”



## Boehm-3 Preschool

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic rational concepts so you can provide intervention sooner, increasing their chance of success in school. The Big Picture Kit manual and record forms are available in English and Spanish.

Recommended grade: Pre-K.

### Big Picture Kit

1-03880-00 \$291.00

### Tactile Kit

1-03882-00 \$564.00

## Boehm-3 K-2

Boehm-3 K-2 measures 50 basic concepts relevant to school success, helping identify students who may not have the learning experiences necessary to understanding key concepts. Developed for easy use with English- and Spanish-speaking students.

Recommended grades: K-2.

### Big Picture Kit

1-03883-00 \$384.00

### Tactile Kit

1-03884-00 \$519.00

**Notes for both Boehm-3 Kits:** Boehm-3 Examiner's Manual is available through Pearson at: <http://www.pearsonclinical.com/language/products/100000188/boehm-test-of-basic-concepts-third-edition-boehm-3.html>

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.







## NewT Kit

This Kit includes accessible tools and activities for use with Functional Vision and Learning Media Assessment (NewT). It has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

### Includes

Sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalogue pages for grade levels K–12.

Recommended grades: Pre-academic to academic, K–12.

**1-08149-00** \$959.00



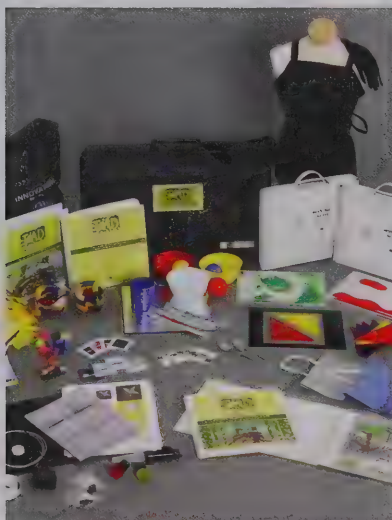
## TADPOLE Kit

Tools and Activities for the Development of Visual Skills (TADPOLE) is a set of standardized tools that helps practitioners perform functional vision evaluations or visual skills development activities. Similar to APH's ToAD Kit, but geared toward younger learners, TADPOLE is a natural precursor to the ToAD Program.

**Note:** Practitioners should purchase the ToAD Kit prior to using the TADPOLE Kit, since items from ToAD are needed when a student's personal items are not available.

Recommended ages: Birth to 2 years..

**1-08155-00** \$321.00



## ToAD Kit

Tools for Assessment and Development of Visual Skills (ToAD) is a set of standardized tools that aids in performing functional vision evaluations or visual skills development activities. The ToAD Kit provides tools, toys, and puzzles that assist the educator as he or she performs assessments or activities.

Recommended ages: 2 1/2 to 5 years.

**1-08152-00** \$832.00

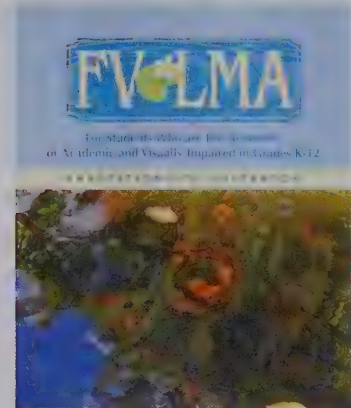


## Functional Vision and Learning Media Assessment (FVLMA) Kit

FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

Recommended grades: Students who are pre-academic in K-12.

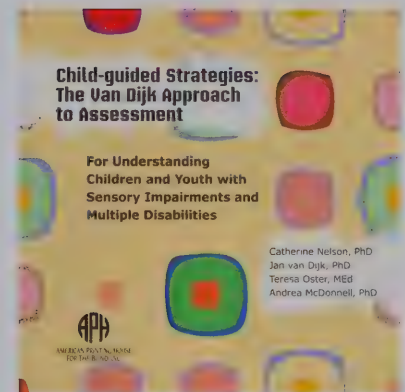
**7-96151-00** \$67.00



## Child-Guided Strategies: The Van Dijk Approach To Assessment

This product offers an easy-to-use guidebook with an accompanying flash drive that follows the assessment of a baby, a young child, and a teenager. The Van Dijk assessment is unique as it follows the lead of the individual learner. Critical to the process is the recognition that assessment and intervention must always occur hand-in-glove and that meaningful assessment guides intervention. This product contains the guiding principle and guidelines to conduct an assessment that follows the Van Dijk approach.

**7-31001-00** \$45.00

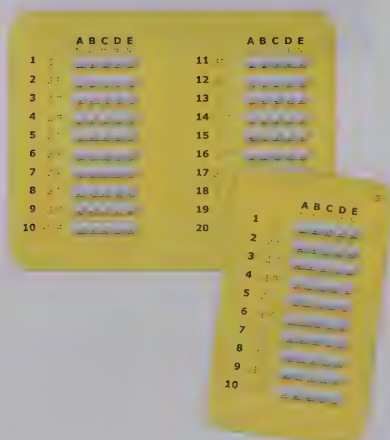




## Accessible Multiple Choice Answer Sheets: Pop-A-Dot, Braille, and Large Print

High-contrast layouts with print and tactile elements engage students so that test-taking can be fun! Sighted peers will also love these.

Recommended ages: 8 years and up.



### Pop-A-Dot®

Engage students so that test-taking can be fun! Sighted peers will also love these.

These sheets make testing fun with “memory plastic” dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with 10 question numbers.

Advanced level student sheets have two columns with 20 question numbers.

Recommended ages: 8 years and up.

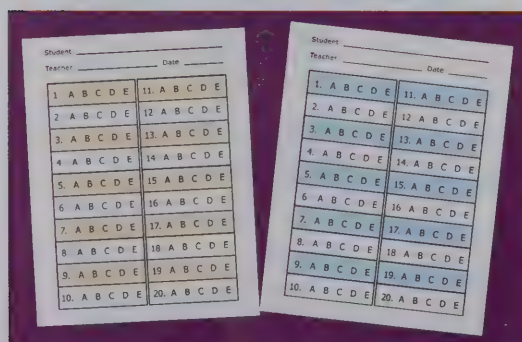
**Pop-A-Dot (4-pk)**  
1-17003-00 \$71.00



### Braille Answer Sheets

Fifty generic sheets with question numbers 1–40 in large print and braille, in two columns, with multiple choice braille answers a–e.

5-17003-00 \$14.00



### Large Print Answer Sheets

Formatted in two columns, with bold lines and 18-point font, these two-sided generic answer sheets have question numbers 1–40 with every other line highlighted in a contrasting color.

7-17003-00 \$16.00



## Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R), Student Braille Edition

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate.

Recommended grades: Pre-K–9.

5-00000-00 \$444.00



## Brigance Diagnostic Comprehensive Inventory of Early Development (Yellow), APH Tactile Supplement, Revised, 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth–K.

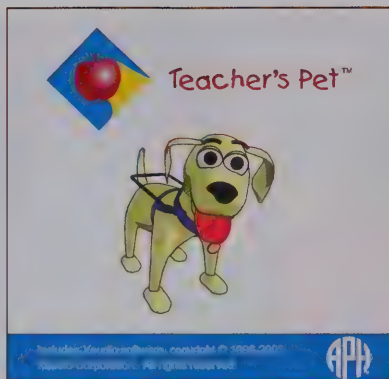
**Note:** The Brigance student large print and braille editions, as well as the APH Tactile Supplement, were designed to be used only in conjunction with the print inventory. To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc. North Billerica, MA 800-223-0248, Fax: 800-366-1158,

[www.curriculumassociates.com](http://www.curriculumassociates.com)

5-17681-00 \$192.00







## Teacher's Pet Software

Create accessible drills, practice exercises, or tests for students who are blind and visually impaired, including both audio and large print tests. It can also record test sessions to track student progress.

Recommended ages: All (dictated by tests created).

### CD-ROM

D-03460-00 \$89.00

### Digital Download

D-03460-ED \$79.00



## Woodcock-Johnson IV (WJ IV)

Woodcock-Johnson® IV is a comprehensive set of assessments, administered individually, to identify learning difficulties and improve instructional outcomes for all ages. The print and braille assessments are comprised of three batteries: Tests of Achievement, Tests of Cognitive Abilities, and Oral Language. These materials must be ordered directly from the test publisher: Customer Experience Support – Assessments, Houghton Mifflin Harcourt, 255 38th Avenue, Ste. L, St. Charles, IL 60174; 800-223-9540; Fax: 630-467-7192; [AssessmentsOrders@hnhco.com](mailto:AssessmentsOrders@hnhco.com).

**Note:** It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV. Examiners must meet the qualifications for administering this assessment and have purchased the publisher materials which are referenced in the braille adaptation. The audio CD provided in the publisher kit is necessary to administer portions of the braille adaptation.

Recommended ages: 2 years and up.

### Print

4-66003-00 \$437.00

### Braille

6-66001-00 \$890.00



# Early Childhood Section Index





# Early Childhood Section Index

APH SoundPage .....	30
Alphabet Scramble .....	31
Bright Shapes Knob Puzzles Kit .....	23
Best for a Nest, The .....	23
Developmental Guidelines for Infants With Visual Impairments .....	25
Effective Use of Objects .....	24
Everyday Activities Calendar .....	26
Experiential Learning .....	26
Fine Motor Development Materials .....	34
Giant Textured Beads .....	35-36
HANDS ON: Functional Activities for Visually Impaired Preschoolers .....	35
Holy Moly .....	23
Joy Player, The .....	34
Laptime and Lullabies .....	24
Lots of Dots Series .....	43
Moving Ahead Series .....	32
On the Way to Literacy Series .....	27-30
PATTER: Preschool Attainment Through Typical Everyday Routines .....	25
Parenting With a Visual Impairment .....	26
Parents and Their Infants with Visual Impairments .....	26
Peg Kit .....	37
Pumpkin Puzzles .....	31
Puzzle Form Board Kit .....	36
Reach & Match Learning Kit .....	25
Reach for the Stars .....	23
Rolling Into Place .....	31
Sensory Cylinder Set .....	38
Sensory Learning Kit (SLK) .....	34
Select Switch .....	34
Shape Board .....	37
Small, Medium, & Large Circles Sets .....	38
Sound Adapted Tangle Ball Kit .....	39
Sound Matching Boards .....	37

Spangle Tangle .....	39
Sticky Dots Adhesive .....	31
Tactile Book Builder Kit .....	33
Tactile Treasures .....	35
Tangle Toy .....	38
Textured Matching Blocks .....	36
Textured Pegs .....	36
VIPS@Home Program .....	42
VIPS Video Library Series .....	41
Work-Play Trays .....	40

## Early Childhood Related Products

All-In-One Boards .....	93
APH Sound Balls .....	87
Boehm-3 Kits .....	15
Color-by-Texture Circus Coloring Pages .....	83
Color-by-Texture Marking Mats .....	83
Dycem .....	137
Flip-Over Concept Books .....	51, 112
IntelliTactiles Pre-Braille Concepts .....	105
Ledge Set .....	137
Light Boxes and Materials .....	136-137
NewT Kit .....	16
Rib-It-Balls .....	87
SAM: Symbols and Meaning .....	102
Setting the Stage .....	111
Teach Me to See .....	132
Word Associations Print/Braille Labels .....	106



## Bright Shapes Knob Puzzles Kit

Based on the shapes used in APH's Light Box Levels I-III Kits, Bright Shapes Knob Puzzles have knobs to help with grasping. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. Designed to be easily viewed on the APH Light Box, or can be used on its own.

Recommended ages: 2 years and up.

1-03722-00 \$169.00



Light Box sold separately.

## The Best for a Nest

This large print/braille storybook includes color illustrations on each page that depict the text. Includes storyboard and tactile manipulatives, making the reading experience fun and meaningful.

Recommended ages: 2 years and up

5-12301-01 \$109.00

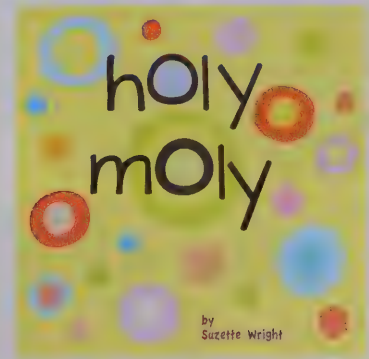


## Holy Moly

A colorful, tactile board book with rhyming text and interactive components encourages young tactual learners to use their fingers to explore. The multisensory and interactive components engage the child in a movement or action that is connected to the text in a meaningful way. Sturdy, easy-to-turn pages.

Recommended ages: Birth to 3 years.

6-77910-00 \$47.00



## Reach For The Stars, Planning for the Future

A first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings. Reach for the Stars creates inclusive, customized educational plans for young students.

Large Print

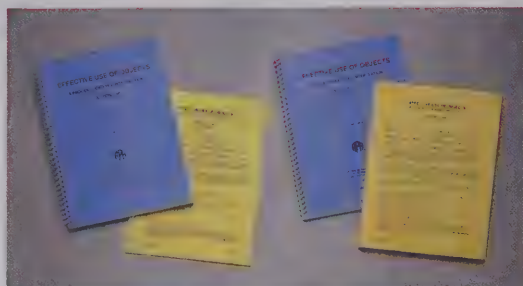
7-08412-00 \$20.00

Braille

5-08412-00 \$31.00





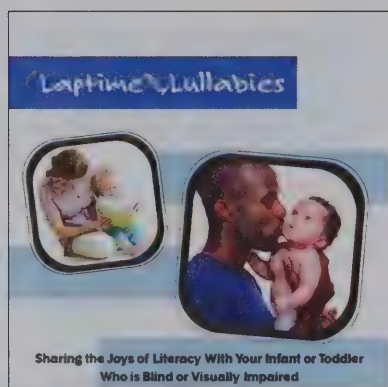


## Effective Use of Objects: A Process Centered Intervention

Helps learners with multiple disabilities develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. For parents and professionals.

Recommended ages: 2 to 7 years.

7-35500-00 \$115.00



## Laptime and Lullabies

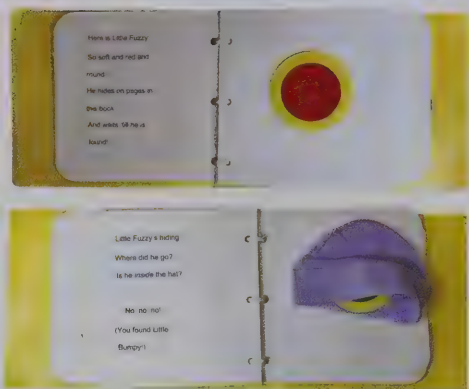
Sharing the Joys of Literacy With Your Infant or Toddler who is Blind or Visually Impaired

Laptime and Lullabies was created for APH by Kay L. Clarke, Ph.D. to help families and their early intervention teams answer, "How can I interest my toddler in books if she does not see the pictures clearly?" or "What kinds of early literacy experiences can I provide for my child who is visually impaired and has additional special needs?" You and your little one can discover literacy activities that are enjoyable and meaningful with Laptime and Lullabies.

Recommended ages: Birth to 3 years.

Includes: Handbook (with 18 booklets), Two storybooks with tip cards, and a flash drive with accessible files.

6-77702-00 \$119.00





## Reach & Match Learning Kit and Inclusive Learning Program

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle.

Recommended ages: 3 years and up.

**1-08816-00** \$1,019.00 + shipping

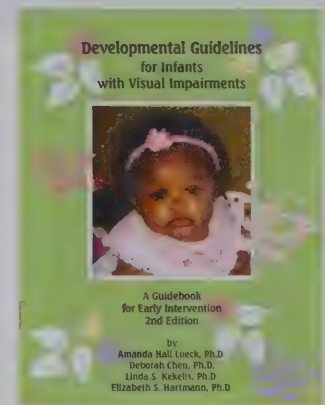


## Developmental Guidelines for Infants With Visual Impairments

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

**Note:** Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

**8-50701-00** \$95.00



## PATTER: Preschool Attainment Through Typical Everyday Routines

This curriculum and assessment tool is designed to facilitate skill development by preschool children who are visually impaired in the areas they are expected to master through involvement in typical household routines. Appropriate for use with children with additional impairments.

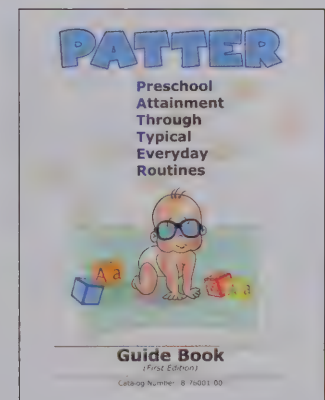
Recommended grade: Pre-K.

**Large Print**

**8-76001-00** \$89.00

**Braille**

**6-76001-00** \$79.00







## Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year. This large print/braille calendar does not track any specific year, but can be used year after year.

Recommended ages: 3 years and up.

1-08121-00 \$171.00

## Parents and Their Infants With Visual Impairments (PAIVI), 2nd Edition

This set of materials is designed to help parents and teachers of infants who are visually impaired become involved as primary members of the intervention team.

7-96149-00 \$51.00

## Parenting With a Visual Impairment: Advice for Raising Babies and Young Children

Advice from parents who completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques. Each comes with audio CDs.

Recommended grades: Middle School and up.

**Large Print**

8-00100-00 \$79.00

**Braille**

6-00100-00 \$105.00

## Experiential Learning: Activities for Concept Development

Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity.

Recommended ages: Birth to 3 years, also has activities appropriate for older children working on the six developmental areas.

**Large Print/CD-ROM**

8-50705-00 \$14.00



CD-ROM contains accessible formats of the guidebook.

## On the Way to Literacy: Early Experiences for Children who are Visually Impaired

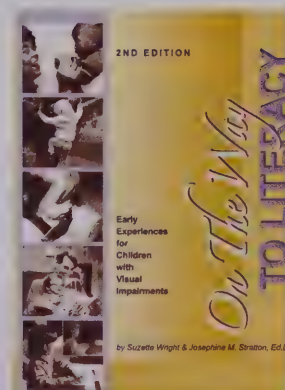
This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind and visually impaired.

Recommended ages for storybooks: 2 1/2 to 5 years, except Gumdrop Tree.

## On The Way To Literacy Handbook, 2nd Edition

This handbook brings together material from a variety of sources to assist parent and teachers in fostering emergent literacy skills, and suggests ways to use everyday events to support a child's learning in these key areas:

- Early communication and language
- Skills needed for learning through touch and for reading braille
- Awareness of the many ways print and braille are used, knowledge of print and braille conventions, and the relationship of letters and letter-sounds.



**Print**

**8-77520-00 \$60.00**

**Braille**

**6-77520-00 \$210.00**

## Storybooks With Real Objects and Textures

### Giggly-Wiggly, Snickety-Snick

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

**6-77502-05 \$74.00**

### That's Not My Bear

A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by various furry shapes.

**6-77501-01 \$71.00**

### Geraldine's Blanket **UEB**

A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.

**6-77501-02 \$99.00**



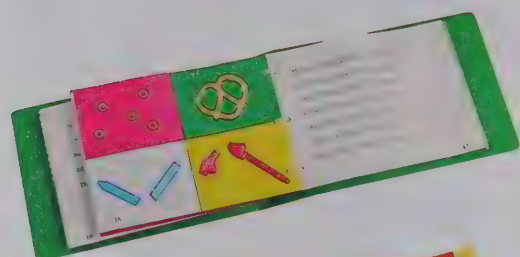




## Something Special (Set I)

A young child searches for a lost possession; features objects affixed to the book pages.

6-77500-05 \$80.00



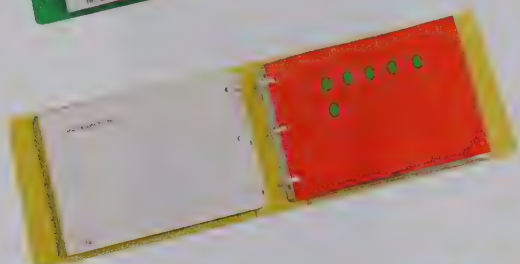
## Storybooks Illustrated With Thermoforms

(Molded Plastic Shapes)

### Jennifer's Messes (Set I)

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

6-77500-06 \$80.00

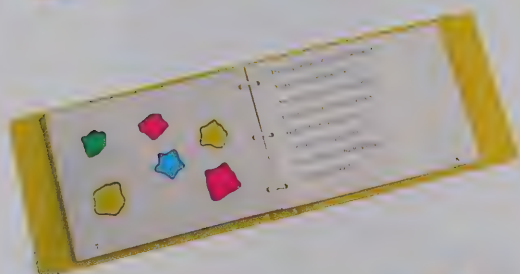


### Jellybean Jungle **PARTS**

Multiple scented stickers included.

A counting rhyme about a magical jungle filled with jellybeans.

6-77502-01 \$92.00

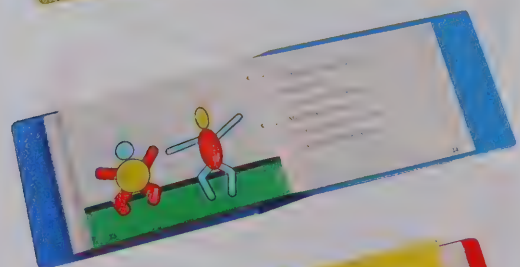


### Gobs of Gum (Set I) **PARTS**

Multiple scented stickers included.

A rhyming story about "big blobs, small gobs, and sticky icky strings of bubble gum."

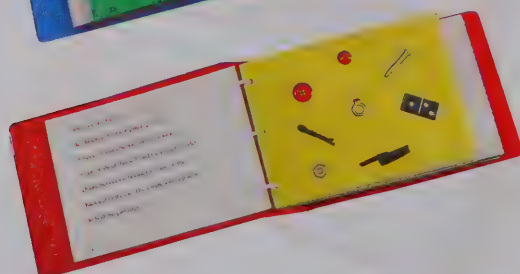
6-77500-08 \$59.00



### Roly-Poly Man (Set I)

A story about a young child who creates a "roly-poly" figure from pieces of clay.

6-77500-07 \$72.00



### Thingamajig

Jamie is a collector of "thingamajigs" – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items and identifying missing items.

6-77502-04 \$65.00

## Special Storybook Lets Children Create a Story About Themselves

### Book About Me (Set I)

A "Me Book" for children to create. Comes with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.

6-77500-10 \$30.00

## Storybooks With Raised-Line Drawings

### The Longest Noodle (Set I)

A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

6-77500-01 \$37.00

### The Blue Balloon

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

6-77501-03 \$59.00

### The Littlest Pumpkin

(see related puzzles page 31)

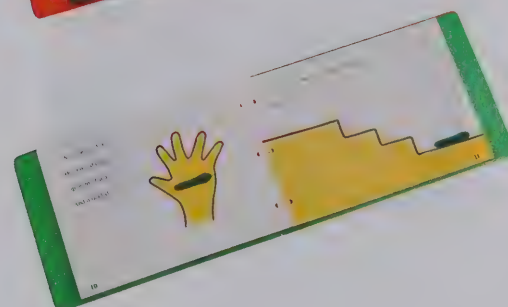
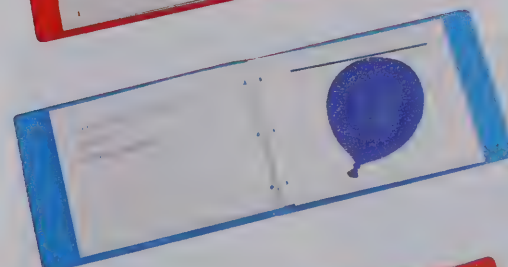
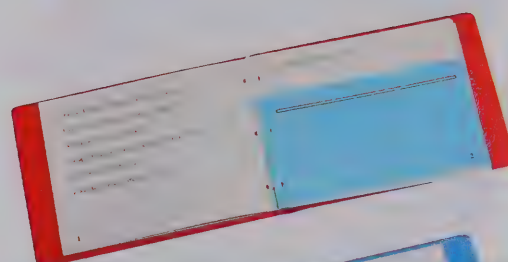
When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place!

6-77504-00 \$64.00

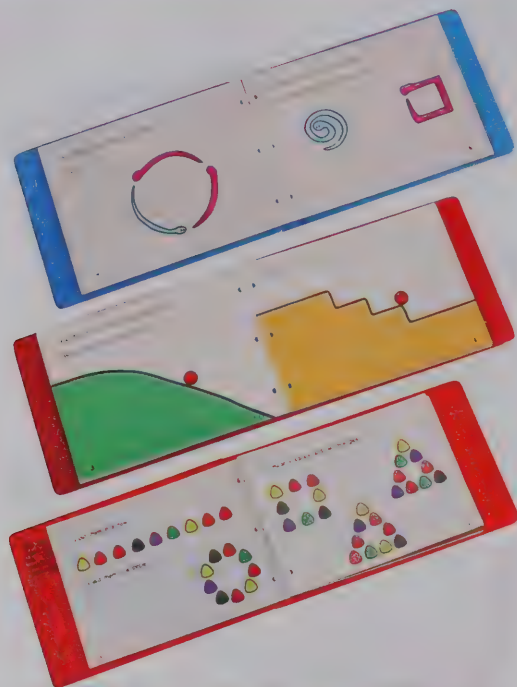
### The Caterpillar (Set I)

A visually impaired child makes an exciting discovery in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.

6-77500-02 \$37.00







## Silly Squiggles (Set I)

A worm like creature stretches, squeezes, and squirms into various shapes in this rhyming story.

6-77500-09 \$32.00

## Bumpy Rolls Away (Set I)

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

6-77500-03 \$37.00

## The Gumdrop Tree

Multiple scented stickers included.

Tells the story of a tree that grows from a gumdrop! The raised-line drawings depict the growth of the tree.

6-77502-03 \$131.00



## On the Way to Literacy Book Set I

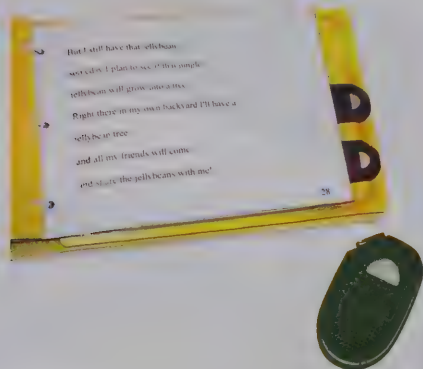
Includes one print handbook and these ten storybooks: Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; and Book About Me.

6-77500-00 \$552.00

## APH SoundPage

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 8-second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-ring binder of any OTWL storybook.

6-77505-00 \$54.00



## Sticky Dots Adhesive™

Make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets allow you to transfer the dots to a wide range of materials, (felt, craft foam, textured paper, etc.). Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

Non-Quota

1-08452-00 \$9.00

## Alphabet Scramble Storybook

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a “family” of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page, which is shown as a line of repeating letters, the child can track along the line of braille, gaining tactile braille reading skills.

5-01199-00 \$62.00

## Rolling Into Place™

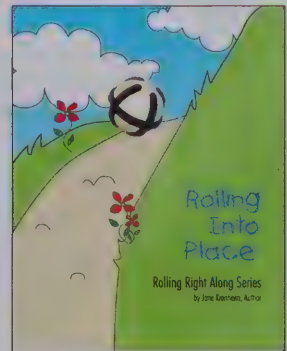
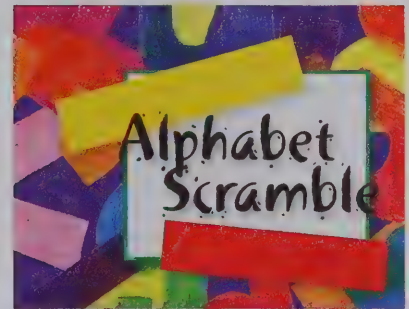
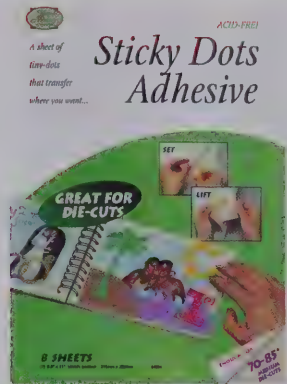
As the hook-and-loop material ball is rolled to its final “surprise” destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook’s simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive hook-and-loop material face pieces and suggested activities.

1-08450-00 \$96.00

## Pumpkin Puzzles

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

1-08835-01 \$29.00





## Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks introduce symbolic representation, more complex illustrations, and an increased emphasis on text. Each storybook includes a large print Reader's Guide (braille edition available as a free download) that contains general information, tips on using the storybook, and additional resources. Also included are braille words on customer-applied labels. These three Moving Ahead books (Splish, Turtle & Rabbit, The Boy & the Wolf) also have a storyboard.

### Going on a Bear Hunt

A tactile line guides on a bear hunt. In the process of hunting for a bear, the reader follows a tactile line through the story.

Recommended grades: Pre-K to 3rd.

6-77903-00 \$77.00

### Splish the Fish

Tactually search for Splish and help him find his way back to his friends.

Recommended grades: Pre-K to Kindergarten.

6-77902-00 \$79.00

### The Boy and the Wolf

Tactually search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations and other features.

Recommended grades: Pre-K to 2nd.

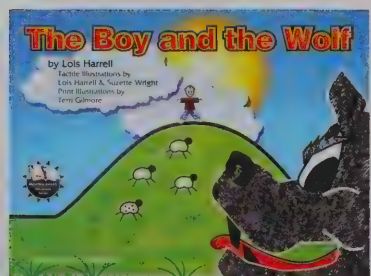
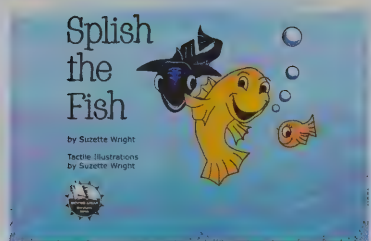
6-77900-00 \$83.00

### Turtle and Rabbit

Tactually follow the progress of the race between the tortoise and the hare.

Recommended grades: Pre-K to 2nd.

6-77901-00 \$85.00



## Tactile Book Builder Kit

“Build” a book and create a child’s connection to literacy!

The Tactile Book Builder Kit contains a wide selection of materials enabling users to quickly custom-make books of many kinds—firsthand experience storybooks, concept books, simple texture books, informational books, alphabet books, adaptations of print books, and more!

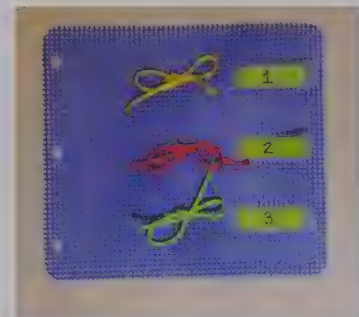
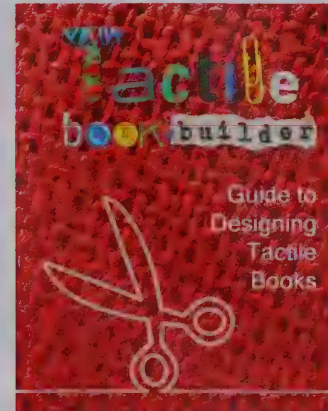
A large, varied assortment of pre-cut pages permits easy attachment of objects and presentation of collaged textures, shapes, raised line drawings, and multisensory elements as illustration. Braille paper, braille label material, and clear page protectors offer multiple ways to add braille and print text. All pages fit into sturdy plastic binders with recloseable safety loops. Binders feature an open-view front to allow users to create and insert their own tactile cover art.

### Among the topics addressed include

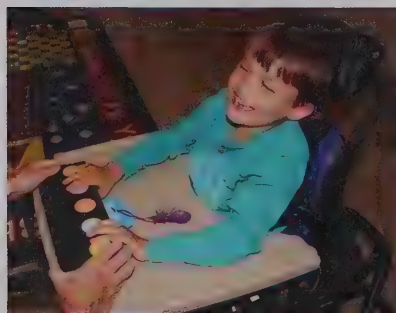
- Learning through touch
- Designing tactile, multisensory, interactive illustrations to represent features tactile learners find significant
- Principles of good tactile design
- Specific design guidelines for various types of tactile illustrations and suggested sequence of difficulty
- Fine motor, exploratory, and cognitive skills needed to examine and interpret tactile illustrations
- Photos and descriptions of exemplary tactile books
- Lists of craft items and materials for use in tactile books
- Numerous “story-starter” ideas for books across a range of ages and abilities

APH products to use with Tactile Book Builder: Picture Maker Textured Shapes (61-151-168), Picture Maker Geometric Textured Shapes (1-08838-01), and Classroom Calendar Kit Day Numbers (61-410-004).

**1-08826-00 \$519.00**







## Fine Motor Development Materials: Twist, Turn, and Learn

Helps young children with visual and multiple disabilities develop and enhance fine motor skills. This kit assists in developing grasping, pincer grasp, wrist rotation, palmar grasp, and more. Primarily for professionals.

Recommended ages: Birth to 36 months.

**1-08420-00 \$608.00**

## Sensory Learning Kit (SLK)

This Kit contains an extensive set of sensory items and written materials that help learners increase their curiosity and develop specific skills. Tools in this Kit may be used to help create daily schedules, lesson plans, and alternative assessments for play or functional routines.

**1-08611-00 \$463.00**

## Select Switch

Designed for use in educational and daily living applications, the Select Switch is a battery-operated environmental control unit for individuals with severe motor disabilities and cognitive impairments. Various function control features enable individuals to communicate and control battery operated appliances, toys, and devices. Requires 4 AAA batteries (not included).

**1-08617-00 \$125.00**

# The Joy Player

This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or cognitive disability (in addition to a visual impairment) to access music and audio books. Designed to use with the personal music player routine in APH's SLK.

### Ships with 5 DTB cartridges

Recommended ages: 3 years and up.

**1-07089-00 \$349.00 + shipping**

## HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image. For parents and professionals.

Recommended ages: 3 to 6 years.

1-03260-00 \$280.00

## Tactile Treasures: Math and Language Concepts for Young Children With Visual Impairments

An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced.

**Note:** Large print guidebook (with CD-ROM) included, braille guidebook available separately.

Recommended ages: 3 years and up.

1-08842-01 \$506.00

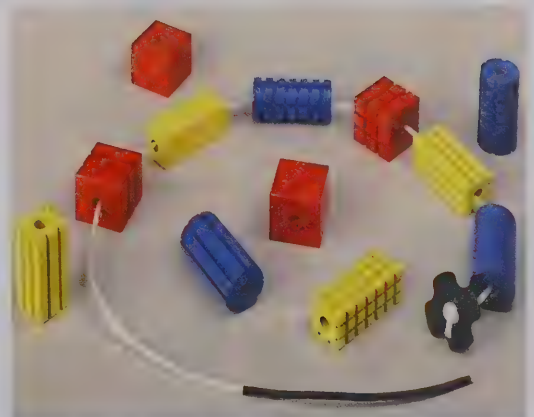
## Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included.

**Warning:** Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

Recommended ages: 3 to 6 years.

1-03780-00 \$71.00







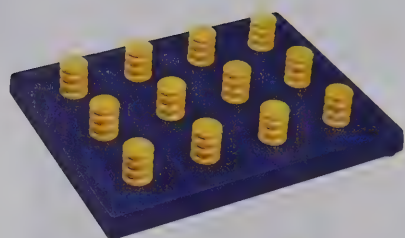
## Giant Textured Beads With Pattern Matching Cards



This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level). Students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

**Warning:** Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-03778-00 \$182.00

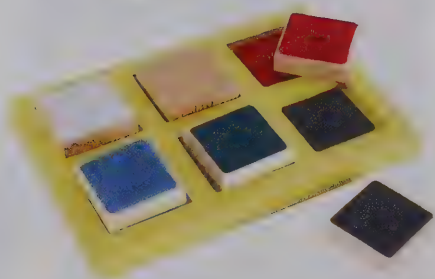


## Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position.

Recommended ages: 1 to 6 years.

1-08930-00 \$45.00



## Textured Matching Blocks



Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: 3 to 6 years.

1-08950-00 \$72.00



## Puzzle Form Board Kit



Supplementary aid for teaching basic concepts, such as shape, texture, color, size, and matching.

Recommended ages: 3 years and up.

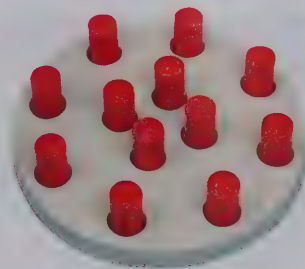
1-03721-00 \$130.00

## Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: 3 years and up.

1-08710-00 \$80.00



## Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds.

Recommended ages: 3 years and up.

1-08720-00 \$59.00

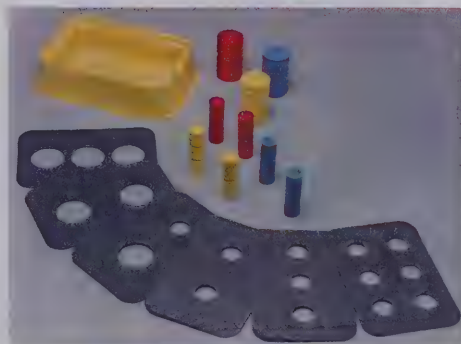


## Peg Kit **PARTS**

Helps children develop skills in manipulation, number and language concepts, and color, size, and tactual discrimination

Recommended ages: 3 to 8 years.

1-03420-00 \$56.00



## Shape Board **CVI**

Proportional shapes contrast brightly against the yellow pegboard and aid in understanding size, up, down, right, and left. Consists of 25 geometric figures and a board with three columns of five pegs. All shapes are black on the back side.

Recommended ages: 4 years and up.

1-03710-01 \$96.00







## Sensory Cylinder Set

Develops skills in manipulation, number and language concepts, and tactual, color, and weight discrimination.

Recommended ages: 3 years and up.

1-03670-00 \$87.00



## Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: 1 to 3 years.

1-08590-00 \$21.00



## Small, Medium, and Large Circles, Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases.

Recommended ages: 3 to 6 years.

1-08600-00 \$58.00



## Tangle Toy and Tangle

### Book Kit

With its infinite knot shapes and variety of colors and textures, the Tangle Toy® can be used to encourage a child to explore, move, and play. Tangle Book activities and games help both children who are sighted and children who are visually impaired refine motor skills, color discrimination, and tactile discrimination.

1-08750-00 \$63.00

## Spangle Tangle:

### Play and Explore

Micro-suction-based mounts adhere to smooth surfaces to provide opportunities for all learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

1-08755-00 \$131.00



## Sound Adapted Tangle Ball Kit

This ball is great for educational play and doubles as a teething toy. Develops hand-eye coordination, sound localization skills, fine motor skills, and interaction with others. Made of safe, soft plastic material.

**Note:** Interior ball can be removed if desired. Some assembly required.

Recommended ages: 6 months and up, with adult supervision.

1-08111-00 \$44.00



Perhaps the best thing about finally having a comprehensive preschool curriculum available for braille readers is that we are giving these children the opportunity to develop the skills necessary to be prepared for kindergarten just like their sighted peers.







## Work-Play Trays CVI

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting. Two sizes and colors available.

### Small Work-Play Tray

17x11 3/4 inches

**Black 1-03751-00 \$24.50**

**Yellow 1-03660-00 \$26.00**

### Large Work-Play Tray

21 1/4x13 1/4 inches

**Black 1-03761-00 \$26.00**

**Yellow 1-03740-00 \$22.00**

**Dividers (4-pk)**

**for Small Work-Play Tray**

**1-03770-00 \$36.00**

## Jumbo Work/Play Tray CVI

The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool with which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

**1-03764-00 \$69.00**



Balls not included.

## VIPS Video Library

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired and blind.

This library offers practical and proven techniques that foster their development.

### Learning About the World

1-30025-DVD \$57.00

### Becoming A "Can-Do" Kid

1-30026-DVD \$57.00

### Making Friends

1-30027-DVD \$57.00

### Going Places

1-30028-DVD \$57.00

### Growing My Way

Part 1: (3–18 Months)

3-Video Series

1-30035-DVD \$160.00

### Successfully Adapting the Preschool Environment

1-30032-DVD \$57.00

### Moving Through the World

1-30030-DVD \$57.00

### Full of Hope

1-30034-DVD \$64.00

### Through Their Eyes

1-30029-DVD \$53.00

### Growing My Way

Part 2: (24–36 Months)

3-Video Series

1-30036-DVD \$171.00



## Every Child Can, VIPS Video

This video attempts to demystify the Expanded Core Curriculum (ECC) for parents of young children who are visually impaired, and for their general education teachers who may have limited expertise and experience teaching children with vision loss. English and Spanish versions are available in DVD and optional USB formats, with both audio descriptions and closed captioning. This product is not available for purchase with quota funds. Also available on USB in Spanish and English.

Non-Quota

### English

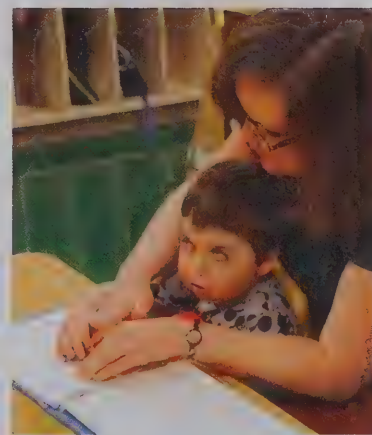
1-30037-DVD \$50.00

1-30037-USB \$50.00

### Spanish

1-30038-DVD \$50.00

1-30038-USB \$50.00





## VIPS@Home: Parent Empowerment Program

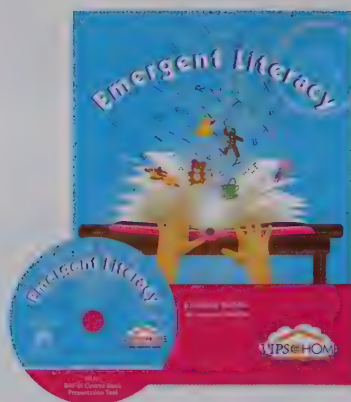
This three-module program, developed in partnership between APH and Visually Impaired Preschool Services (VIPS), provides a brief overview of print and braille literacy, and introduces (through at-home courses) things parents can do for their child to build emergent literacy skills, such as:

- Reading aloud with their child
- Appropriate book selection
- Adapting books by using story boxes

Recommended ages: birth to 5 years.

Each course includes a large print Course Book and CD-ROM with accessible files, including a .brf in UEB and a presentation tool.

VIPS@Home is available with Quota funds.



### Emergent Literacy

Story time comes to life! Program teaches parents how to become comfortable and vibrant storytellers.

8-00076-00 \$19.00



### Power at Your Fingertips

Provides a concise and family-friendly introduction to braille. Parents can begin to experience the joy of learning braille without the frustration of enormous textbooks, and will learn how to bring braille literacy into their everyday routines and discover numerous resources for child-ready braille materials.

8-00075-00 \$19.00



### Special Education: Your Journey to a Successful IEP

Helps demystify conferences and paperwork, and puts parents at ease during the school years ahead.

8-00078-00 \$19.00

## Lots of Dots Coloring Book Series

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object.

Recommended grades: Pre-K and up.

### Learning My ABC's

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter. Includes six foam dots for instant recall. Uncontracted braille.

1-10000-00 \$69.00

### Counting 1 2 3

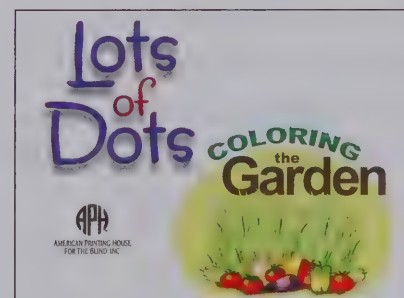
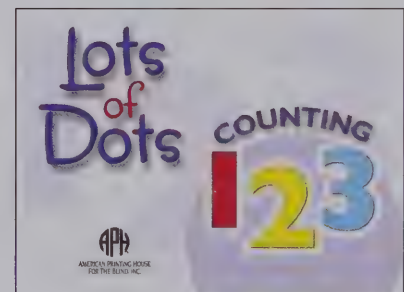
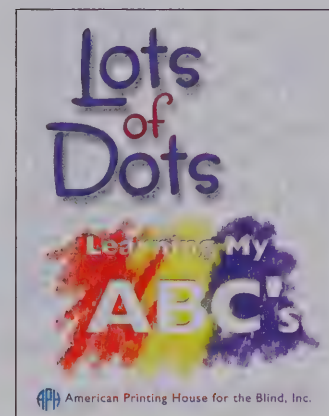
Presents numbers 0–30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. This book uses uncontracted braille. Includes 18 foam dots for instant recall. Uncontracted braille.

1-10001-00 \$81.00

### Coloring the Garden

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature (clouds, rain, seeds, and plants). Once the garden has grown, a new garden item is introduced for the child to color. Uncontracted and contracted braille are used. Includes contracted and uncontracted braille.

1-10002-00 \$66.00





# English Language Arts Section Index



The graphic is a large, stylized letter 'A' or mountain peak shape, composed of many small, overlapping, translucent shapes in various colors (red, orange, yellow, green, blue, purple). The shapes are arranged in a way that creates a sense of depth and movement, with some shapes appearing to be in front of others. The overall effect is a vibrant, abstract composition that serves as a background for the text.

## English Language Arts Related Products

Building on Patterns Series (BOP)	113-118
Card Chart Kit	106
I-M-ABLE Kit	127
Moving Ahead Series	32
On the Way to Literacy Series	27-30
Reach & Match	25
Talking Word Puzzles Software	174

## Tactile Editing Marks Kit

The use of tactile editing marks provides beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces, enabling students to write final correct copies of their work independently.

Recommended ages: 5 years and up.

1-08896-00 \$65.00

## All Aboard! The Sight Word Activity Express

This set of interactive and versatile magnetic print/braille labels can be used for instruction and assessment of a student's recognition of sight (high frequency) words — the most commonly used words in the English language. The list of 220 words, plus 95 nouns or "picture words," was developed by Edward W. Dolch and is referred to as the "Dolch® Basic Sight Word List."

1-03558-00 \$321.00

## All Aboard! Magnetic/Dry Erase Board

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to a red rigid vinyl that provides a visual boarder.

Recommended ages: All.

1-03559-00 \$27.00





# English Language Arts Section Index

## Wilson Reading System® (WRS)

### and Instructional Materials

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system specifically addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

The Wilson Reading System is authored by Barbara A. Wilson and published by Wilson Language Training Corporation. Permission has been granted to APH to publish the braille and large print versions. For more information and professional development opportunities on the use of the program and certification, please visit: [wilsonlanguage.com](http://wilsonlanguage.com).

Teacher Manuals may be ordered from the Wilson Language Training website.

Recommended grades: 2 and up.

**Note:** WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.



## WRS, Student Reader Kit, Braille

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets

**6-79511-SK1** \$339.00

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure

**6-79511-SK2** \$289.00

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure

**6-79511-SK3** \$249.00

# English Language Arts Section Index

## WRS, Student Reader Kit, Large Print

Student Reader One and Workbooks 1A and 1B

**8-79501-SK1** \$41.00

Student Reader Two and Workbooks 2A and 2B

**8-79501-SK2** \$37.00

Student Reader Three and Workbooks 3A and 3B

**8-79501-SK3** \$37.00

## WRS Instructional Materials

Card Sets w/Carry Case

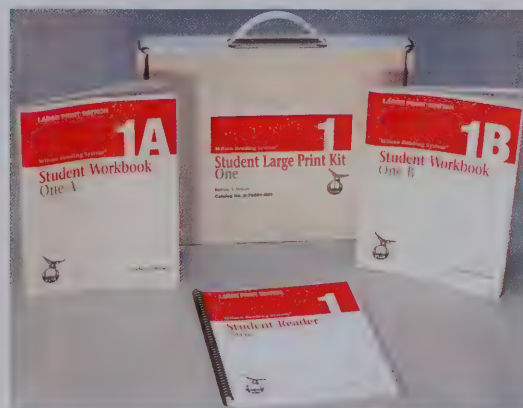
**6-79515-00** \$269.00

WADE Sheets

**6-79517-00** \$39.00

Print/Braille Magnetic Tiles  
and Journal

**6-79516-00** \$69.00





# English Language Arts Section Index



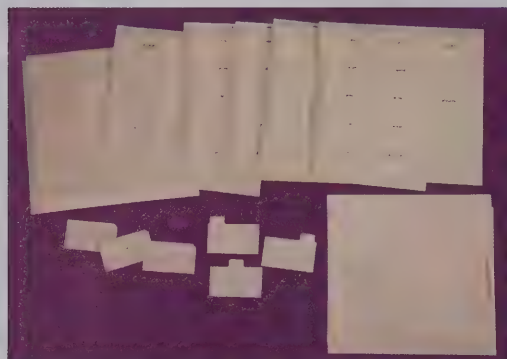
## Word PlayHouse



Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

Recommended ages: 5 to 8 years

**1-03562-00** \$342.00



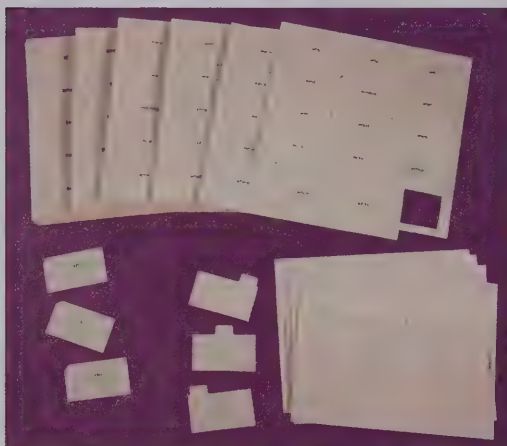
## Braille Contraction Cards

These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 30 indexing cards with tabs, and a storage box.

Recommended ages: 6 years and up.

**1-03561-01** \$38.00



## Expanded Dolch Word Cards

These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille. Picture word cards contain a picture corresponding to the word.

Recommended ages: 5 years and up.

**1-03560-01** \$42.00

# Mathematics Section Index





# Mathematics Section Index

Abacus Basic Competency:	
A Counting Method .....	65
Abacuses .....	66
Addition and Subtraction Table Kit .....	60
Advanced Desktop Stick-On	
Number Lines .....	57
Analog Clock Model .....	67
AnimalWatch Vi Suite.....	53
Braille/Large Print Yardstick .....	64
Brannan Cubarithm Slate and Cubes .....	62
Clock Face Sheets in Braille .....	67
Consumable Hundreds Chart.....	60
Consumable Number Lines.....	56
Desktop Stick-On Number Lines.....	57
Draw2Measure Protractor .....	54
Flexible Rulers (Braille/Large Print) .....	64
Flip-Over Concept Book: FRACTIONS <b>N</b> .....	51
FOCUS in Mathematics Kit, 2nd Ed .....	59
Fractional Parts of Wholes Set .....	62
Geometric Forms.....	61
Geometro .....	58
Geometry Tactile Graphics Kit .....	61
Graphic Aid for Mathematics.....	62
Hands-On Experience w/Cranmer	
Abacus Video .....	65
Hundred Board Manipulatives <b>R</b> .....	51
Large Print/Braille Toss-Away Ruler .....	64
MathBuilders Kits.....	55
Math Drill Cards, UEB <b>N</b> .....	52
Math Flash Software .....	54
Math Robot.....	53
Meterstick (Braille) .....	64
Multiplication and Division Table Kit.....	60
Nemeth Code Reference Sheet .....	63
Nemeth Tutorial .....	56
Number Line Device.....	57
One-Foot Braille Rulers .....	64
Place Value Setter .....	52
Practice2Master Fractions.....	53
Protractors .....	61-62
Quick Pick Series .....	63
Slapstack Math.....	54
StackUps.....	60
Tactile Compass for Math and Art.....	59
Tactile Algebra Tiles .....	55
Tactile Five and Ten Frames <b>N</b> .....	51
Tactile Tangrams .....	55
Transparent CCTV Rulers .....	65
Textured Sorting Circles and Shapes .....	59
UEB Math Tutorial.....	56
Using the Cranmer Abacus .....	65
Venn Diagram Template Kit .....	61

## Mathematics Related Products

Bold-Line Tactile Graph Sheets.....	124
Braille Transcriber's Kit: Math.....	119
Calendar Kits.....	106
Card Chart Kit .....	106
EZ Track Financial Record Keeper .....	167
Feel 'n Peel Stickers.....	100-101
Graph Paper .....	124-125
Lots of Dots Series .....	43
Money Handling & Budgeting.....	166
Money Talks Software .....	166
Nemeth Code for Mathematics	
and Science .....	179
Score Card Set.....	172
Tactile Demonstration Thermometer .....	72
Tactile Treasures .....	35

## Tactile Five and Ten Frames **N**

Print math books use five and ten frames as part of the common core standards. This accessible, tactile version helps young students to visualize sets of five and ten, thus helping to develop subitizing skills - the ability to instantly see "how many." Simply set down one or more of the plastic frames on a table and insert the included tactile tokens into the slots. Tactile Five and Ten Frames supports the development and understanding of counting and cardinality, composing and decomposing numbers, place value, and addition and subtraction skills.

1-03567-00 \$69.00



## Flip-Over Concept Book: FRACTIONS



Flip-Over Concept Books - Fractions is an interactive print and braille book designed to teach elementary students who are blind and visually impaired about fractions, decimals, and percents. Teachers and parents can create their own lessons by fully customizing the presentation of the fraction panels offered in the book.

Nemeth  
1-08821-00 \$179.00

UEB  
1-08822-00 \$179.00



## Hundred Board and Manipulatives **R** **UEB**

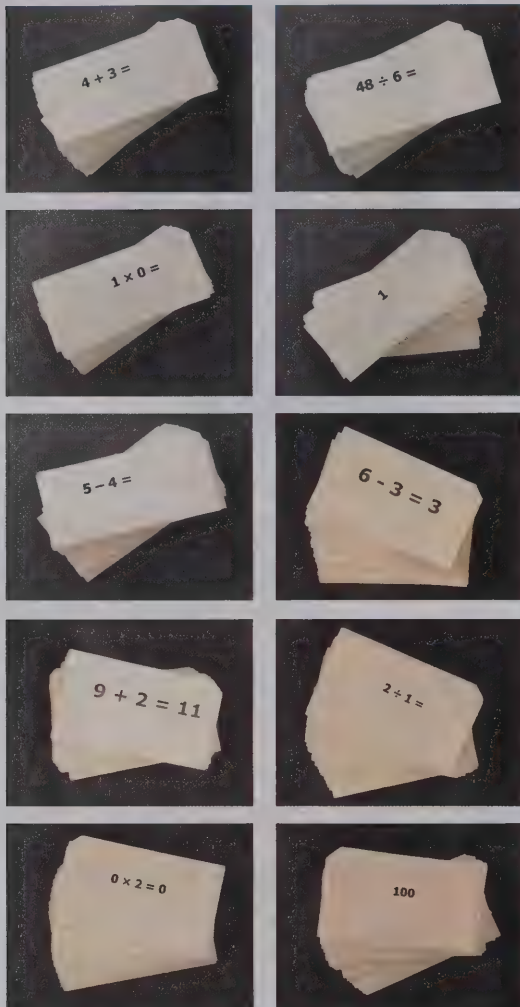
Great for the elementary math classroom, Hundred Board and Manipulatives can be used to teach basic math concepts including patterning, counting, ordering numbers, comparing numbers, addition and subtraction, and base ten number system. This product includes a number board, a grid board, and two sets of manipulatives: numbers and shapes.

Nemeth  
1-03107-00 \$175.00

UEB  
1-03106-00 \$175.00







## Math Drill Cards

Elementary students who are blind or visually impaired can quickly and easily learn their math facts with these UEB and Large Print Math Drill Cards! These large print/braille cards include a math fact on one side of the card, and the fact with the answer featured on the opposite side. Braille is in UEB Braille Code for Mathematics.

**Note:** Some assembly required. These cards can also be used with the Card Chart Kit, 1-03550-00.

### Number & Math Signs

UEB 1-03545-00 \$24.00

Nemeth 1-03551-00 \$17.00

### Addition

UEB 1-03546-00 \$24.00

Nemeth 1-03552-00 \$15.00

### Subtraction

UEB 1-03547-00 \$24.00

Nemeth 1-03553-00 \$13.00

### Multiplication

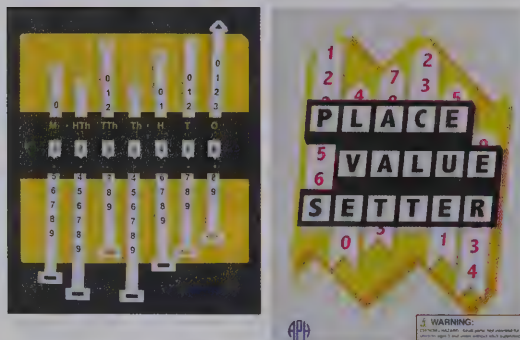
UEB 1-03548-00 \$24.00

Nemeth 1-03554-00 \$15.00

### Division

UEB 1-03549-00 \$24.00

Nemeth 1-03555-00 \$13.00



## Place Value Setter

With its refreshable and concrete display, the Place Value Setter gives 1st to 3rd grade students a prompt way to represent numbers using written digits, and is useful for setting up place value problems quickly in inclusive settings, so students can follow and participate in classroom instructions.

1-08284-00 \$109.00

## Math Robot (for iPad)

APH's Math Robot™ has a smart “know-it-all” math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with Apple's VoiceOver. A low vision mode adds extra contrast.

Recommended ages: 6 years and up.

### Non-Quota Order

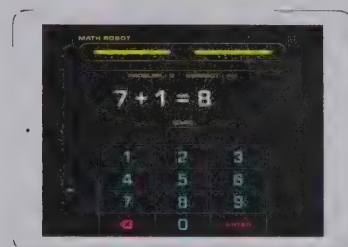
Available from the App Store: <https://itunes.apple.com/app/math-robot/id704570512>

\$4.99

### Quota Order

**Note:** Find detailed software purchasing instructions in the “How to Order” section page 192.

D-30000-APL \$4.99



## Practice2Master Fractions

A fully accessible app that every elementary school math teacher should have in their teaching toolbox - Practice2Master Fractions helps students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of problems to practice. App works with devices running iOS 9 or later, and is compatible with VoiceOver.

Recommended ages: 9 years and up.

Available from the App Store: <https://itunes.apple.com/us/app/practice2master-fractions/id1257764758?mt=8>

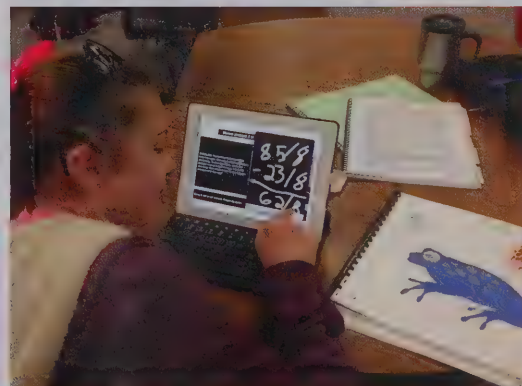
D-30030-AP FREE

## AnimalWatch Vi Suite (for iPad)

The AnimalWatch Vi Suite includes an app available from the App Store with accompanying braille and print materials. The app and materials are available for free! Students at the pre-algebra level (grades 5–7) will build their math word problem solving skills while learning about endangered and invasive species such as the black rhino, cheetah, gray wolf, and white shark.

Recommended grades: 5th to 7th (math level).

Available from the App Store: <https://itunes.apple.com/app/animalwatch-vi-suite/id1051014170?mt=8>







## Draw2Measure Protractor (for iOS devices)

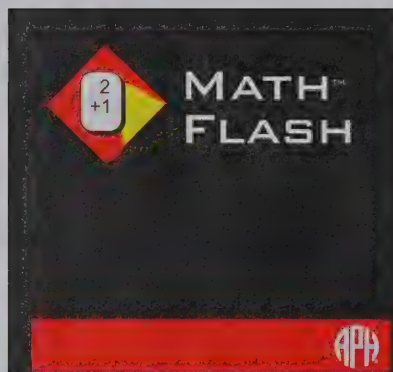
This app is designed for students who are blind and visually impaired, and can be used by sighted students too! It gives students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a short video:

<https://www.youtube.com/watch?v=D77pBfjCmMI> to see the Draw2Measure™ Protractor app in action!

Available from the App Store: <https://itunes.apple.com/us/app/draw2measure-protractor/id1097557700?mt=8>

**D-30023-AP FREE**



## Math Flash Software

This software helps elementary students sharpen math skills with talking electronic flash cards.

This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Requires a PC running Windows® 7 or later.

See page 153 for Google Action and Alexa Skill versions.

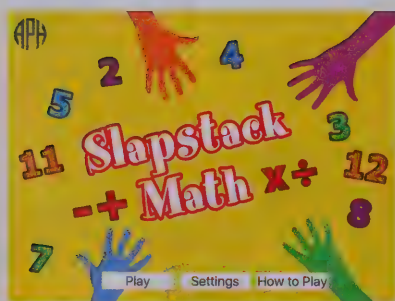
Recommended ages: 6 years and up.

**CD-ROM**

**D-19910-01 \$24.00**

**Digital Download**

**D-19910-ED \$24.00**



## Slapstack Math (for iOS devices)

Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad®, or two to four players on the iPhone®.

Recommended ages: 7 years and up.

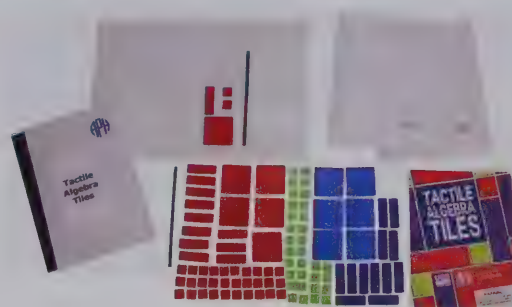
Available from the App Store: <https://itunes.apple.com/us/app/slapstack-math/id1209184917?mt=8>

**D-30025-AP FREE**

## Tactile Algebra Tiles

Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind and visually impaired. It includes magnetic tiles that the students can manipulate on a steel board, and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are visually impaired to work together with their classmates in inclusive classrooms.

**1-08410-00** \$159.00



## Tactile Tangrams

The materials and activities presented in APH's Tactile Tangrams make this puzzle accessible to students and adults with visual impairments and blindness. The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills, including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

**1-08439-00** \$195.00



## MathBuilders

This supplementary math program is separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Recommended ages: 5 years and up.

### Large Print Kits

**Unit 1 Matching, Sorting, and Patterning**

**7-03560-00** \$271.00

**Unit 5 Measurement and Estimation**

**7-03562-00** \$249.00

**Unit 6 Geometry**

**7-03563-00** \$288.50

**Unit 7 Fractions, Mixed Numbers, and Decimals**

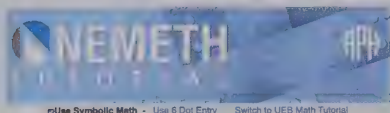
**7-03564-00** \$265.00

**Unit 8 Data Collection, Graphing, and Probability/Statistics**

**7-03565-00** \$175.00







## Introduction and Index

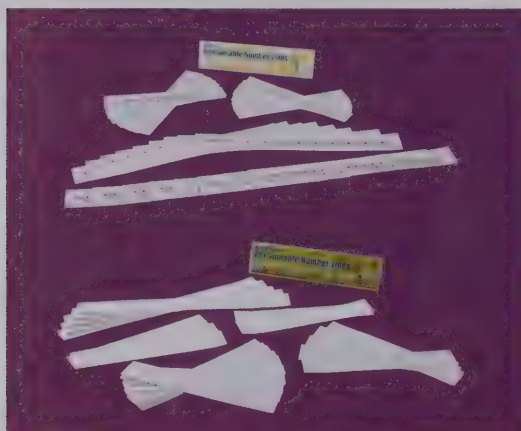
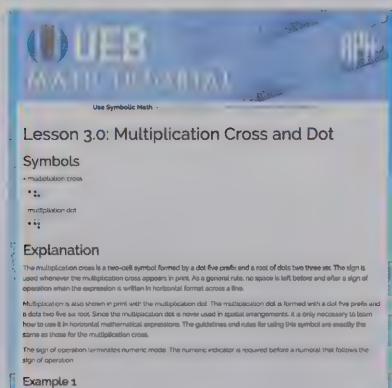
The Nemeth Tutorial teaches students and teachers how to use the Nemeth code from introductory topics to advanced topics in Mathematics.

For instructions regarding a particular screen reader, choose the "Instructions" link below.

Instructions

## Chapter One: First Grade

- 1.1 The Numeric Indicator - (Exercises)
- 1.2 Punctuation - (Exercises)
- 1.3 Comma - (Exercises)
- 1.4 Plus and Minus Signs - (Exercises)
- 1.5 Equals Sign - (Exercises)



## Nemeth Tutorial

APH's online Nemeth Tutorial consists of over 50 lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it.

Recommended ages: 5 years and up.

Available from APH: [tech.aph.org/nemeth](http://tech.aph.org/nemeth)

FREE

## UEB Math Tutorial

APH's UEB Math Tutorial contains over fifty lessons broken into 10 chapters that cover the rules of UEB Mathematics. Accessible to both visually impaired and sighted users, this web-based program runs on any modern computer platform, works well with refreshable braille displays, and it's available free-of-charge!

Recommended ages: 5 years and up.

D-30032-ED FREE

## Consumable Number Lines

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

**Large Print**  
1-03012-00 \$14.00

**Braille/Tactile**  
1-03013-00 \$27.00

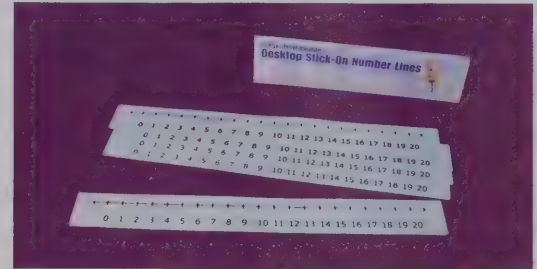
## Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in (5-pk).

Recommended ages: 6 years and up.

**Large Print/Braille**

**1-03481-00 \$22.00**



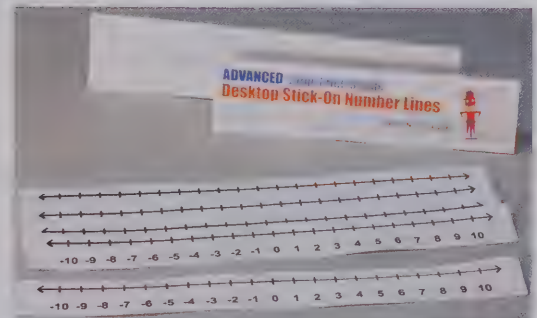
## Advanced Desktop Stick-On Number Lines

Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7.

Recommended ages: 11 years and up.

**Large Print/Braille (5-pk)**

**1-03482-00 \$30.00**

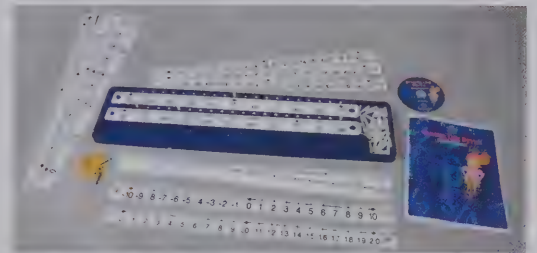


## Number Line Device

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.

Recommended ages: 5 years and up

**1-03480-01 \$194.00**

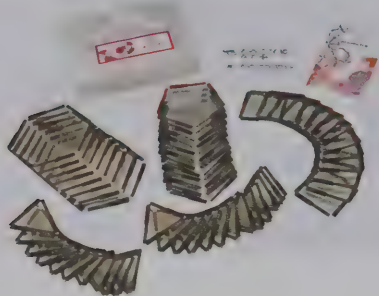


“

Easy to use for solving math problems and bar graphs - tokens stayed in place, so no slipping around or losing pieces. Print math books use five and ten frames as part of the common core standards. It is wonderful to have a tactile version for students who are blind and visually impaired to use hands-on so they can solve problems, such as recognizing more or less. The child does not get frustrated about pieces moving around since each token has its own square. Very well done.

”





## Geometro Sets

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use hook-and-loop material to adhere to each other and are easy to handle, sturdy, and safe.

### Mini Set

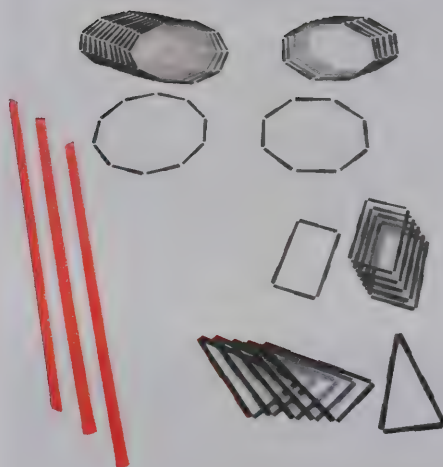
1-03022-00 \$102.00

### Large Set

1-03024-00 \$319.00

### Medium Set

1-03023-00 \$133.00



## Geometro Shapes

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

### Decagons (12-pk)

1-03025-00 \$223.00

### Rectangles (6-pk)

1-03028-00 \$48.00

### Octagons (6-pk)

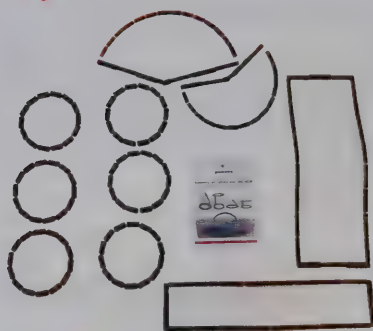
1-03026-00 \$115.00

### Isosceles Triangles (6-pk)

1-03029-00 \$39.00

### Hook Material Rods (3-pk)

1-03027-00 \$35.00



## Geometro Cylinder and Cone

These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

1-03030-00 \$131.00

## Student Workbook Kit

### for Geometro

This Kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks. To learn more about Geometro, visit: [www.geometro.net](http://www.geometro.net)

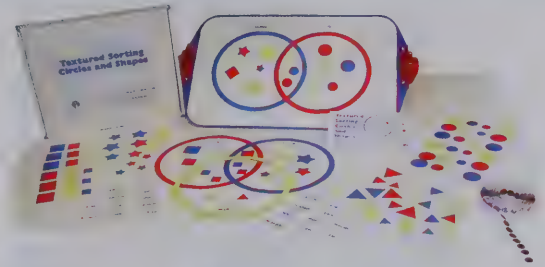
1-03021-00 \$358.00



## Textured Sorting Circles and Shapes

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

**1-08834-00** \$144.00

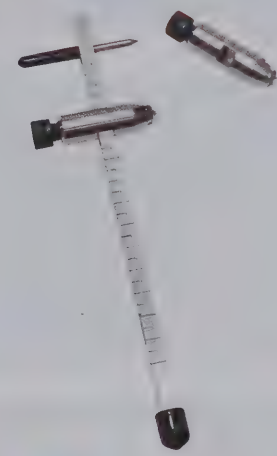


## Tactile Compass for Math and Art

This assistive tool enables students to draw tactile circles up to 6 inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product).

Recommended ages: 7 years and up.

**1-08894-00** \$62.00



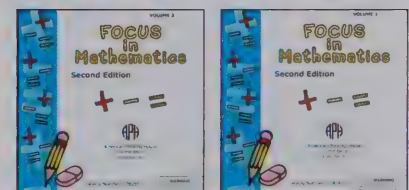
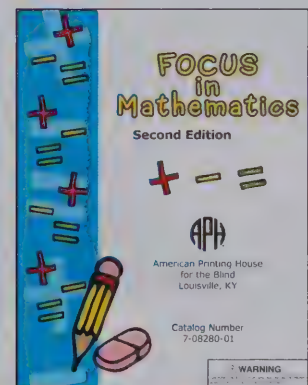
## FOCUS in Mathematics Kit, Second Edition

Objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points.

Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included on the CD.

Recommended grades: Pre-K to 1st.

**1-08280-01** \$727.00







## StackUps: Spatial Reasoning Using Cubes and Isometric Drawings

Encourages students using 2-D and 3-D shapes to: recognize, name, build, draw, compare, and sort; describe attributes and parts, and; investigate and predict the results of putting together and taking apart.

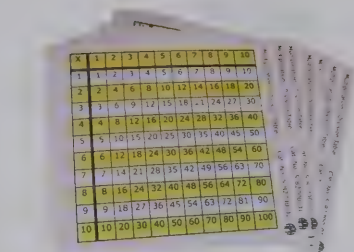
Recommended ages: 10 years and up.

1-08960-00 \$383.00

## Addition and Subtraction Table

Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes 10 printed/embossed charts and a print guidebook.

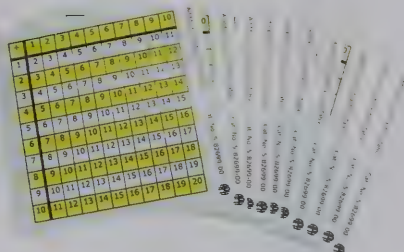
5-82699-00 \$32.00



## Multiplication and Division Table Kit

The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. Includes 10 charts (grids) and a print guidebook.

5-82700-01 \$19.50

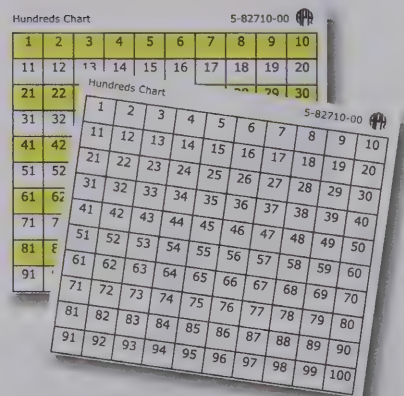


## Consumable Hundreds Chart

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook.

5-82710-00 \$15.00

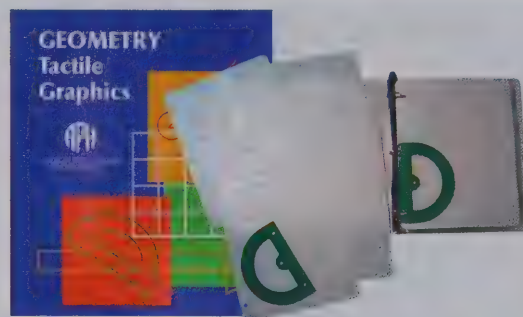


## Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

1-08841-00 \$127.00

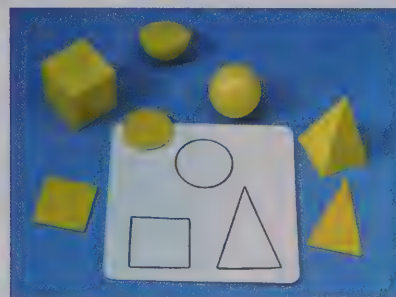


## Geometric Forms

Introduces students to the circle, square, and triangle. Includes three plane figures, four solid figures, and one white plastic sheet illustrating the shapes in black, raised lines.

Recommended ages: 5 years and up.

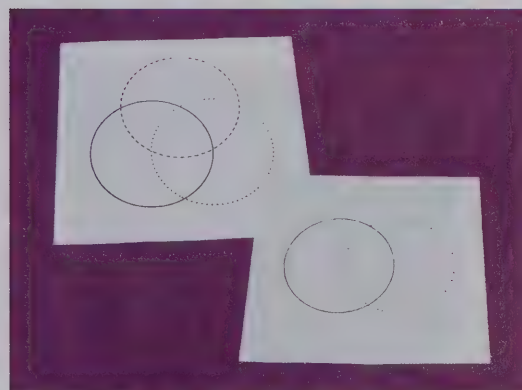
1-03410-00 \$52.00



## Venn Diagram Template Kit

A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets. Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

1-04095-00 \$37.00



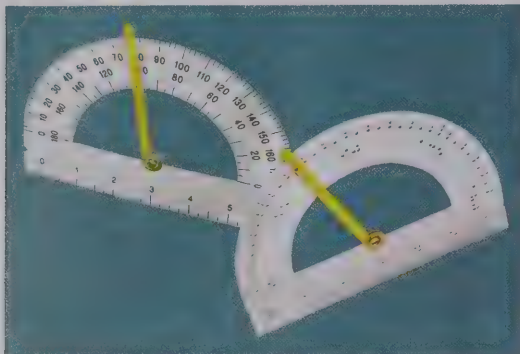
## Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point. This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-04115-00 \$23.00





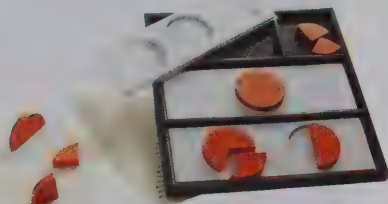


## Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a movable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface.

**Large Print (4-pk)**  
**1-04116-00 \$44.00**

**Tactile (4-pk)**  
**1-04117-00 \$43.00**

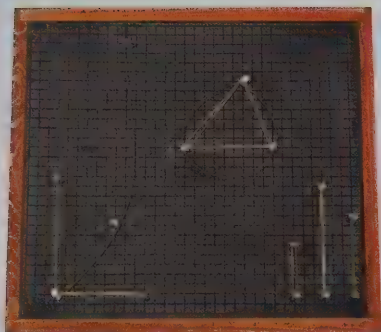


## Fractional Parts of Wholes Set

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths.

Recommended ages: 5 years and up.

**1-03290-00 \$64.00**

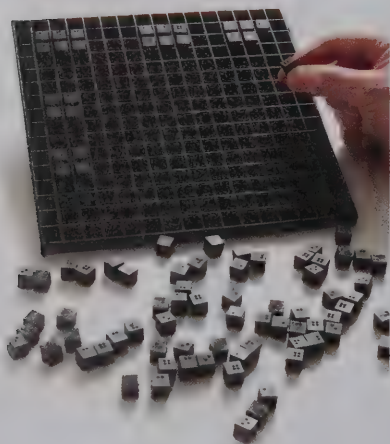


## Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus. Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and up.

**1-00460-01 \$221.00**



## Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a braille to align mathematical problems. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

**Cubarithm Slate**  
**1-00320-00 \$26.00**

**Plastic Cubes Set of 100**  
**1-00330-00 \$42.00**

## Nemeth Code Reference Sheet for Basic Mathematics

Listing of common symbols from the Nemeth Braille Code for Mathematics.

### Print

**7-87500-00** \$15.00

### Braille

**5-87400-00** \$15.00



## Quick Pick Math

This math game consists of a plastic packet with 50 large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille.

Recommended ages: 5 years and up.

### Addition

**1-03570-00** \$59.00

### Subtraction

**1-03571-00** \$60.00

### Multiplication

**1-03572-00** \$60.00

### Division

**1-03573-00** \$60.00



## Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers.

Recommended ages: 4 years and up.

**1-03574-00** \$50.00



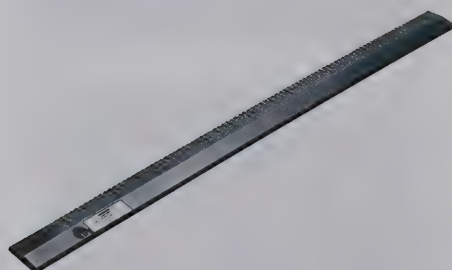
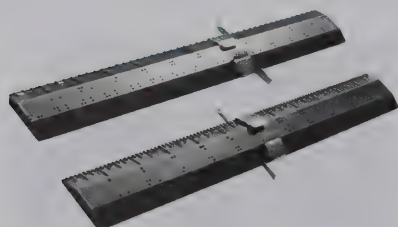
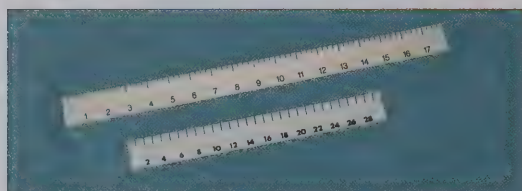
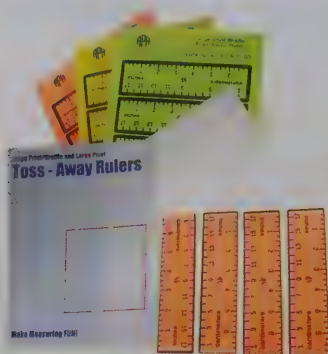
## Quick Pick Cards Set, Blank

Includes 50 blank game cards that can be used with the Quick Pick Game series.

**1-03577-00** \$7.00







## Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. Seven-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

**Rulers (24-pk)**

**1-03010-00 \$16.00**

## Flexible Rulers (Braille/Large Print)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

Recommended ages: 5 years and up.

**18-Inch (5-pk)**

**1-03050-00 \$10.00**

**30-Centimeter (5-pk)**

**1-03031-00 \$9.00**

## 1-Foot Braille Rulers

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included. Offered in Metric-English and English.

Recommended ages: 5 years and up.

**Metric-English**

**Measurement Ruler**

**1-03100-00 \$12.00**

**English**

**Measurement Ruler**

**1-03070-00 \$12.00**

## Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and up.

**1-03000-00 \$25.00**

## Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

**1-03002-00 \$27.00**

## Transparent CCTV Rulers

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television). Each includes a set of 6 rulers.

**Yellow**

1-03008-00 \$15.00

**Clear**

1-03009-00 \$14.00

## Abacus Basic Competency: a Counting Method

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

**Large Print**

7-00219-00 \$17.50

**Braille**

5-00219-00 \$36.00

## Using the Cranmer Abacus for the Blind



This manual instructs users who are blind or visually impaired in the use of the Cranmer Abacus. Gives instructions on how to add, subtract, multiply, divide, extract roots, compute decimals and fractions, and use the abacus as a calendar. Practice exercises are included.

**Note:** APH does not carry this publication in inventory for immediate delivery – when you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

**Large Print**

4-27110-00 \$81.00

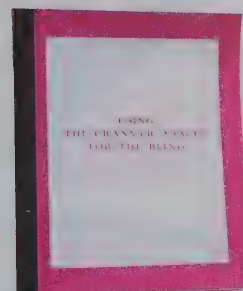
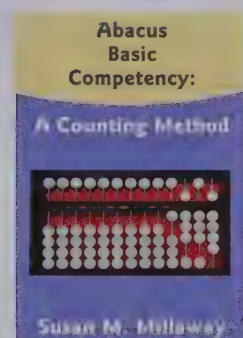
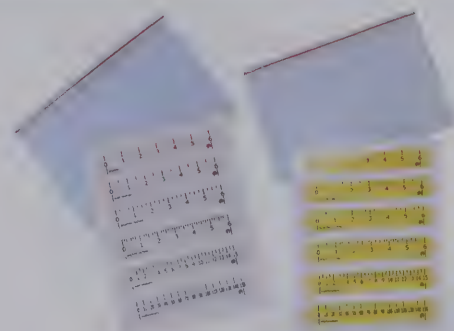
**Braille**

6-50100-00 \$45.00

## Hands-on Experience With the Cranmer Abacus

The concepts and skills covered in this DVD and accompanying booklet include how numbers are represented and how to perform the four basic math functions on the Cranmer Abacus.

1-30004-DVD \$25.00





## APH Offers Four Abacuses to Address a Variety of Needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.



### Beginner's Abacus

Reinforces beginning mathematical concepts, includes print guidebook. Braille guidebook available separately.

Recommended ages: 5 to 7 years.

1-03180-00 \$30.00



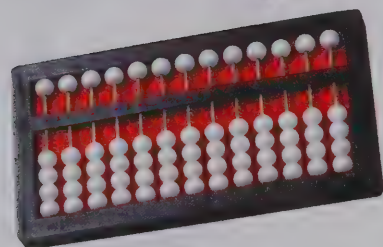
### Expanded Beginner's Abacus Kit

This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook.

Measures 5.37 x 3.25 x 0.75 inches.

Recommended ages: 5 to 7 years.

1-03181-00 \$41.00

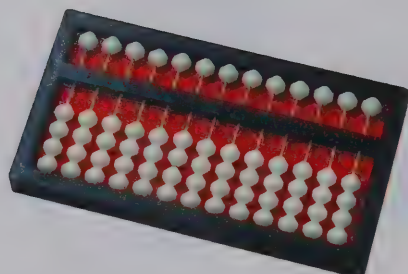


### Cranmer Abacus

A 13-rod abacus, beads have a  $\frac{3}{8}$  inch diameter. An optional metal coupler is available for linking two abacuses together.

Recommended ages: 5 years and up.

1-03150-00 \$36.00



### Large Abacus

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are  $\frac{1}{2}$  inch in diameter.

Recommended ages: 5 years and up.

1-03170-00 \$39.00

## Analog Clock Model

Helps teach time-telling concepts. Has braille and raised large print markings, and hands that are easily rotated. Model has no motor.

Recommended ages: 6 to 10 years.

**1-03125-00** \$10.00

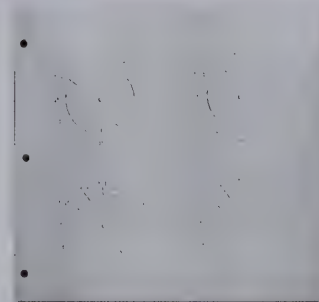


## Clock Face Sheets In Braille

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11 1/2 x 11 inch manila transcribing paper, (25-pk), 3-hole punched.

Recommended ages: 6 to 10 years.

**1-03111-00** \$16.00



## Important Icon Legend

### CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

### Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

### UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

### Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

### Downloadable Manuals

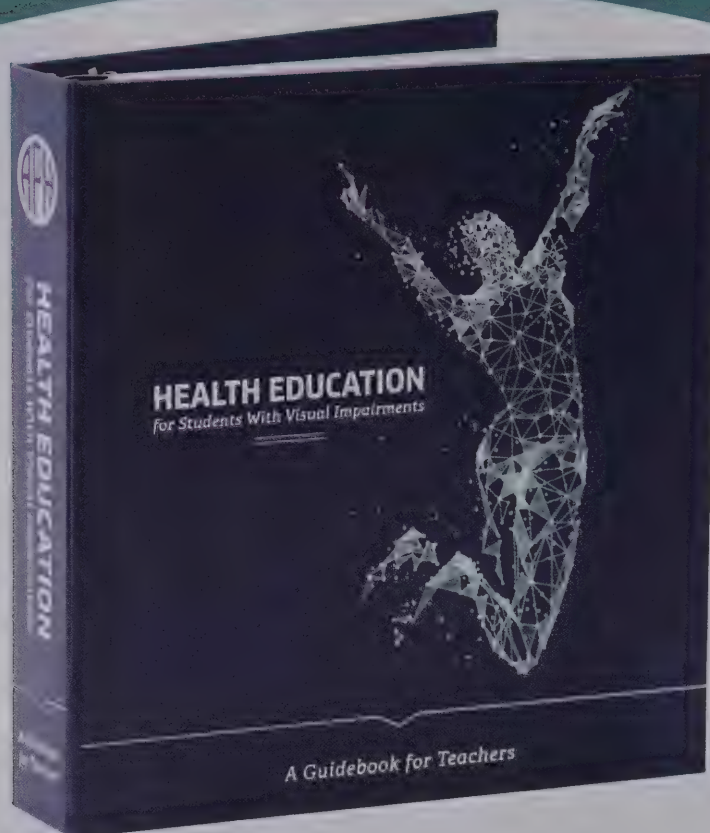
Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit <https://sites.aph.org/manuals/> to download a manual.

### New Product

### Revised Product



# Science and Health Section Index



Adapting Science for Students w/VI .....	71	Sense of Science Series .....	76
Adapted Science Materials Kit.....	71	Tactile Demonstration Thermometer .....	72
Azer's Interactive Periodic Table Study Set and Guidebook <b>R</b> .....	70	Tactile Punnett Squares.....	73
Basic Science Tactile Graphics .....	74	Touch, Label, & Learn Poster .....	75
Basic Tactile Anatomy Atlas.....	75	<b>Science and Health Related Products</b>	
DNA-RNA Kit.....	71	Calendar Kits.....	106
DNA Twist .....	71	Card Chart Kit .....	106
Earth Science Tactile Graphics .....	74	Nemeth Code for Mathematics and Science.....	179
Genetic Code Large Print/Braille.....	72	Nemeth Tutorial.....	56
Health Education for Students With Vi <b>N</b> .....	69	Paint by Number Safari Series .....	82
Life Science Tactile Graphics .....	74	Portable Sound Source .....	88
Light In-Sight: Reflection & Refraction Kit .....	73	Wooden Junior Constructo Set .....	173
Periodic Table of the Elements .....	75		
Protein Synthesis Kit .....	72		

## Health Education for Students with Visual Impairments: A Guidebook for Teachers **N**

APH developed this guidebook specifically for teachers who provide instruction to students with visual impairments, ages 5 through 21. This guidebook does not provide a comprehensive curriculum that covers all areas of health education; rather, it provides ways to make specific aspects of health education accessible to students with visual impairments.

### Includes chapters on the following topics

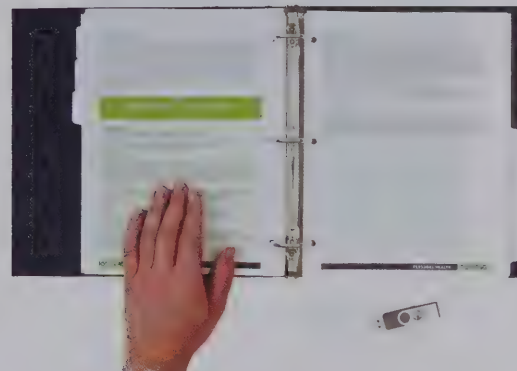
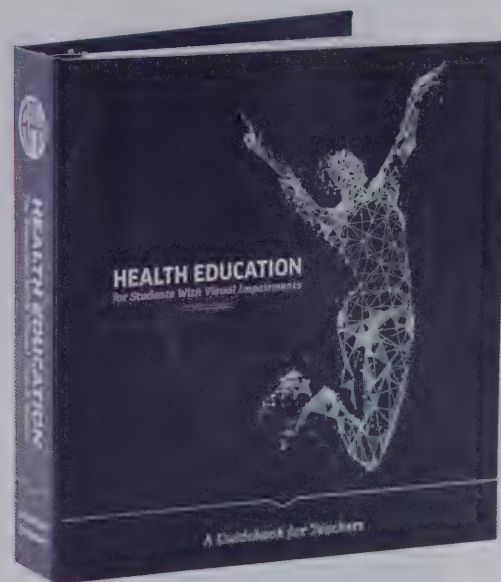
- Diet and Nutrition
- Personal Health
- Sex Education
- Communicable and Noncommunicable Diseases and Disease Prevention
- Injury Prevention and Safety

### Also includes

- Reflects the National Health Education Standards and the National Sexuality Education Standards.
- Supports many areas of the Expanded Core Curriculum.
- Designed to support particular needs that arise within existing health education curricula when teaching students with visual impairments in a school or a specific course or program.
- Guidebook and accompanying videos (on flash drive) assist teachers in providing meaningful experiences in health education instruction within the realm of their particular school curriculum.
- Accessible html and brf versions of the guidebook text are included.

**Note:** This guidebook is intended for teachers only. APH does not recommend that any student read this guidebook or view the accompanying videos.

**1-08054-00 \$89.00**



**Lots of great information and tools; teachers should be able to find something useful and appropriate for any student, any age, any modification.**





**PERIODIC TABLE OF THE ELEMENTS**

KEY:     Metal     Metalloid     Nonmetal     Recently Discovered

Atomic Number  
Atomic Symbol



## Azer's Interactive Periodic Table Study Set

Now includes updated atomic abbreviations for elements 112-118.

This interactive periodic table study set is designed to make learning about the Periodic Table of the Elements accessible to students with visual impairments and blindness.

Inspired by Samir Azer, a science teacher at the Kentucky School for the Blind, this set can be used to assist students who benefit from a hands-on, interactive model. Special attention was given to make the materials tactually discriminable and visually appealing to the target population, yet appropriate for all students regardless of visual acuity.

### Features

- Materials that complement APH's Periodic Table of the Elements Reference Chart
- Assists in the instruction and demonstration of concepts that are consistent with the National Science Standards
- Used to teach students about the arrangement of the periodic table, atomic structure, ionic and covalent bonding, and balancing chemical equations

### Includes

- 294 interactive hexagonal element pieces
- Additional interactive accessories including coefficient, oxidation and subscript numbers, arrows, plus signs, parentheses, and assessment pieces
- 2 atomic models with accessories
- Storage binder with accessories
- Tri-fold Veltex® board (37 x 24 inches), used to balance chemical equations and/or display the entire periodic table
- Large Print Guidebook (with CD containing html, brf, txt, and dtb versions and a Word® file of the Skills Checklist

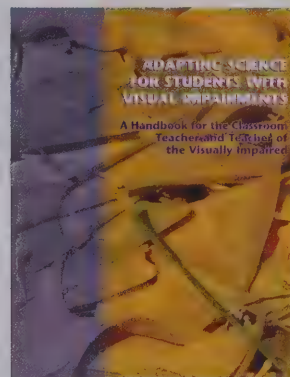
**Note:** The braille guidebook is sold separately. Some assembly required – the customer affixes a single Velcoin to the back of each element piece and accessory before using with the provided tri-fold board.

**1-08856-01 \$529.00**

## Adapting Science for Students With Visual Impairments: A Handbook for the Classroom Teacher and Teacher of the Visually Impaired

Designed to assist teachers, particularly those with minimal science background and/or experience with students with visual impairments, in making operational science activities accessible to students who are visually impaired and blind. The handbook is sold with 5 each of the Advanced Preparation and Skills Checklists, which are also available separately.

7-00000-00 \$98.00



## Adapted Science Materials Kit

Designed for K-12 students, this kit includes many items originally devised by educators at the Lawrence Hall of Science in Berkeley, California, and enables students with visual impairments to participate in science lessons and experiments alongside their sighted peers. All items fit in the APH Innovations Tote Bag.

1-08997-00 \$259.00



## DNA Twist

Demonstrates the 3-dimensional structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

1-08978-00 \$57.00



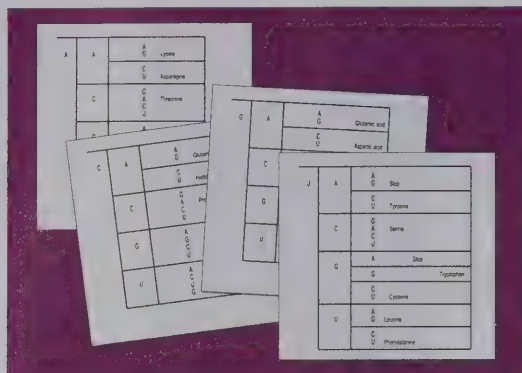
## DNA-RNA Kit

Learn about and demonstrate the formation of single and double strands of DNA, DNA replication, and transcription of DNA to messenger RNA with this accessible kit. Kit includes interlocking DNA and RNA nucleotides and a large print guidebook for students and teachers.

1-08979-00 \$127.00





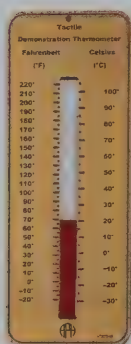


## Genetic Code, Large Print/Braille

These large print/braille sheets are embossed and printed on 11.5 x 11 inch 90# paper and contain four pages per set. Each set contains a separate page for nucleotide codons or triplets beginning with the letters A, U, C, and G, and the amino acids for which they code. Ten sets per pack are enclosed in a plastic envelope with a hook and loop fastener

Recommended grade: High school.

**1-08977-00 \$42.00**



## Tactile Demonstration Thermometer CVI

Allows students to independently read, set, and compare temperatures. Has a two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator and comparable Fahrenheit and Celsius scales presented in both large print and braille.

Recommended ages: 6 years and up.

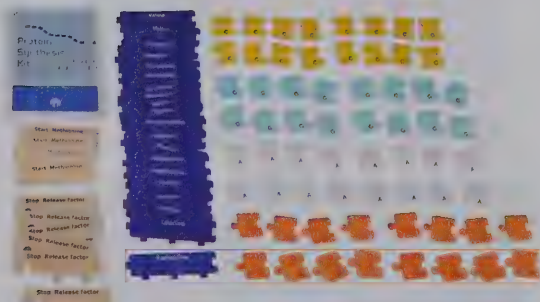
**1-03020-00 \$121.00**



## Protein Synthesis Kit

This Kit is an accessible, interactive model that expands on the molecular biology concepts introduced by the DNA-RNA Kit. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille. A guidebook with instructions is also included.

**1-08975-00 \$289.00**



## Tactile Punnett Squares

The Punnett Square is a visual representation of Mendelian inheritance and is used by biologists to determine the probability of offspring genotypes. Printed and embossed on 90 lb. 8 1/2 x 11 inch paper; 25 sheets per resealable envelope.

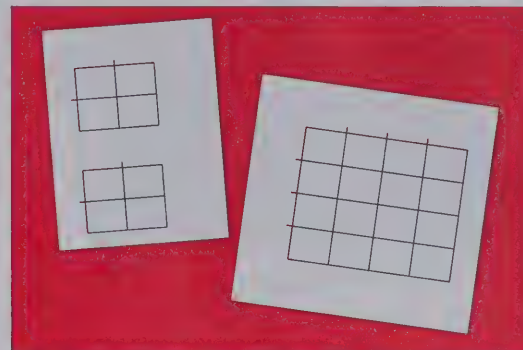
Recommended grades: Middle through high school.

**4-Box Punnett Squares**

**1-08890-00** \$27.00

**16-Box Punnett Squares**

**1-08891-00** \$27.00



## Light In-Sight:

### Reflection & Refraction Kit

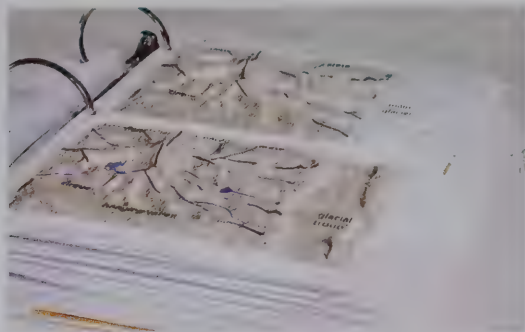
This Kit enables science and physics students who are visually impaired to construct ray diagrams related to light reflection and refraction. Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic.

Recommended ages: 12 years and up.

**1-08286-00** \$199.00







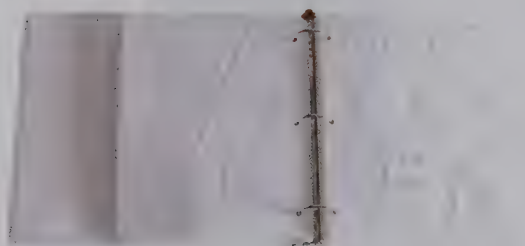
## Earth Science Tactile Graphics



Learn about glaciers, volcanoes, tectonic plate boundaries, the water cycle, and much more with Earth Science Tactile Graphics, a reference volume intended to supplement the graphics in a student's classroom textbook.

The graphics are rendered in full-color with several types of lines and textures, in addition to differing heights. Diagrams are labeled in print and braille, and teachers can add to, or change, the labels with self-adhesive braille label material.

**1-03131-00 \$449.00**



## Basic Science Tactile Graphics



Basic Science Tactile Graphics are vacuum-formed, raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks.

They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

**1-08850-00 \$135.00**



## Life Science Tactile Graphics



Vacuum-formed, full-color, raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

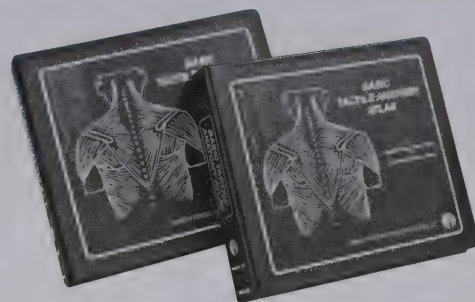
**1-08840-00 \$409.00**

## Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactual diagram has braille and print labels with a brief braille description. A print version of the brailled text is included.

Recommended ages: 12 years and up.

1-08845-00 \$318.00

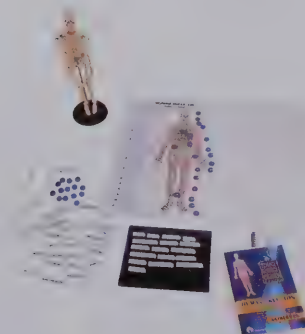


## Touch, Label, and Learn Poster: Human Skeleton (Anterior View)

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

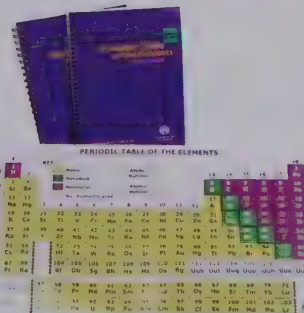
Recommended ages: 8 years and up.

1-08976-00 \$179.00



## Periodic Table of the Elements Reference Chart and Booklet

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.



**Reference Chart  
w/Booklet in Print**  
7-08855-00 \$44.00

**Reference Chart  
w/Booklet in Braille**  
5-08855-00 \$53.00



## Sense of Science Series

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (braille edition available separately) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.



### Sense of Science: Plants

A unique science series for students with visual impairments and other students who may benefit from a multi-sensory approach to learning.

Recommended ages: 5 to 10 years.

1-08980-00 \$363.00

### Sense of Science: Animals

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a “science tidbit.”

Recommended ages: 5 to 10 years.

1-08990-00 \$562.00

### Sense of Science: Astronomy

This set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: 8 years and up.

1-08991-00 \$379.00

# Social Studies: History, Geography, and Economics Section Index



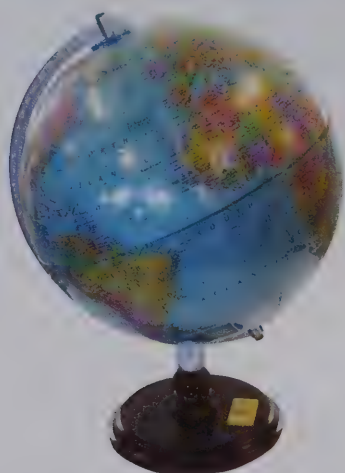
Interactive U.S. Map with Talking Tactile Pen.....	79
National Geographic Picture Atlas.....	78
State Maps Collection .....	79
Tactile World Globe .....	78
U.S. Puzzle Map .....	79
U.S. & Canada Tactile/Print Atlas .....	79

World at Your Fingers .....	78
World Maps .....	78

## **Social Studies Related Products**

Braille Transcribers Kits.....	120
Calendar Kits.....	106
Nearby Explorer.....	144





## Tactile World Globe

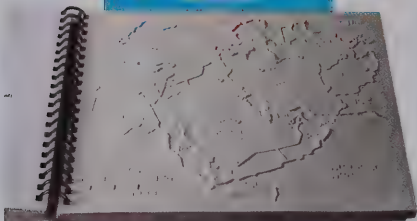
Offers more tactile and braille information than provided by previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

### Includes

- Raised topographical and area, with all continents labeled in braille
- Major oceans labeled in braille
- Raised latitude and longitude lines labeled in braille (as space accommodates)
- Discernible, contrasting raised lines for the Equator, International Date Line, Prime Meridian, Tropic of Cancer, and Tropic of Capricorn

Recommended ages: 10 years and up.

**1-01551-01 \$139.00**



## World Maps

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world, these maps use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

**5-06001-00 \$165.00**



## National Geographic Picture Atlas of our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state.

Recommended ages: 6 years and up.

**5-87431-00 \$519.00**



## World at Your Fingers

This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

**1-01190-00 \$132.00**

# Social Studies: History, Geography, and Economics

## U.S. & Canada Tactile/Print Atlas

The U.S. & Canada Tactile/Print Atlas is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

Recommended ages: 11 years and up.

1-01920-00 \$161.00

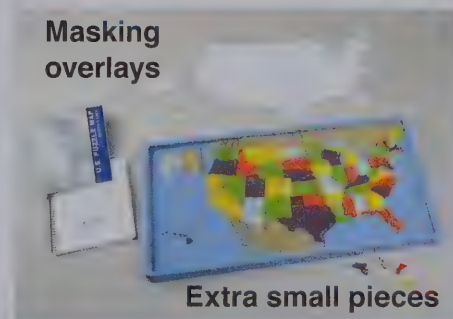


## U.S. Puzzle Map

This take-apart topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students.

Recommended ages: 7 years and up.

7-01140-00 \$446.00

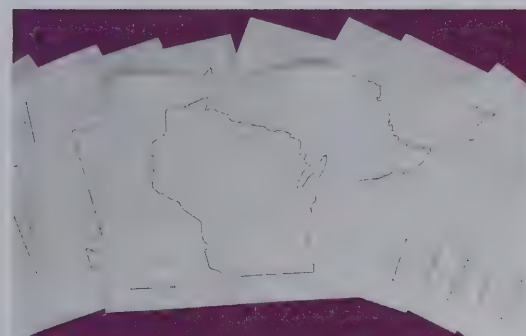


## State Maps Collection

The State Maps Collection is a set of embossed and printed outline maps for the central region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

Central Region

1-04112-00 \$45.00



## Interactive U.S. Map With Talking Tactile Pen

This map's combination of tactile, visual, and audio feedback allows for independent, self-guided study by students and adults with visual impairments, as well as by sighted peers. The Talking Tactile Pen is a non-writing stylus.

Recommended ages: 8 years and up.

1-01150-00 \$276.00





# Fine Arts Index

Braille Beads: APH Starter Kit .....	84
Color-by-Texture CIRCUS	
Coloring Pages .....	83
Color-by-Texture Marking Mats .....	83
Feel The Beat <b>N</b> .....	81
Paint by Number Safari	
Backyard Creatures <b>N</b> .....	82
Tropical Rainforest .....	82
Under the Sea .....	82
Paint Pot Palette .....	84
Time for Art .....	83

## Fine Arts Related Products

APH InSights Art Calendar .....	183
DRAFTSMAN Tactile Drawing Board .....	104
Feel 'n Peel Sheets:	
Carousel of Textures .....	100
Picture Maker .....	148
Quick-Draw Paper .....	105
Sticky Dots Adhesive .....	31
Tactile Compass for Math and Art .....	59
TactileDoodle .....	92
Tactile Graphic Line Slate .....	99

## Feel The Beat **N**

The ability to “play music by ear” is an asset, but is only one part of playing music.

As part of braille literacy, braille readers should be introduced to braille music at the same time that sighted peers begin reading music in print (usually around third or fourth grade).

The lessons in this curriculum teach the Music Braille Code, and focus on reading, playing, and memorizing measures through the use of a soprano recorder.

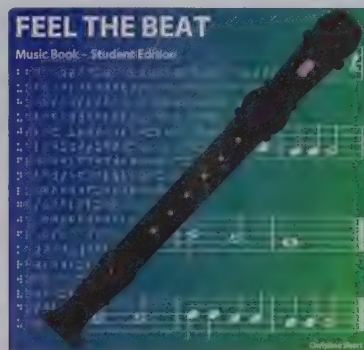
### Features/Benefits

- By beginning with some already-familiar tunes, your students will have some early successes on which to build.
- Lessons focus on reading measures, playing measures, and memorizing measures.

### Includes

- Fingering and Note Chart
- Student Music Book (braille)
- Teacher Music Book (print)
- Lesson Plans

5-41100-00 \$75.00



Fingering and Note Chart											
4th Octave Notes (1)						5th Octave Notes (2)					
Letter name	C	D	E	F	G	A	B	C	D	E	F
Print note on music staff											
English note	C	D	E	F	G	A	B	C	D	E	F
Quarter note											
Half note											
Whole note											
Recorder											
Fingering											
Rests											
English rest											
Quarter rest											
Half rest											
Whole rest											

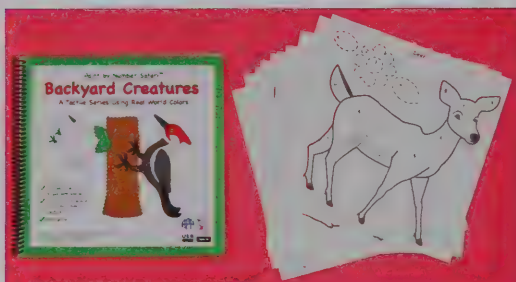




## Paint by Number Safari™

Learn about art, nature, and colors with the Paint by Number coloring series! Each Paint by Number set includes 10 raised-line drawings of real-world subjects that are printed and embossed on heavy paper, with fun facts in both print and braille, and a color guide.

Recommended ages: 6 years and up.



## Backyard Creatures **N** **UEB**

Great for beginning and intermediate artists, Backyard Creatures is the third addition to APH's Paint-by-Number Safari Series. Students will enjoy perfecting their art skills as they learn about the colors and creatures found right outside their door. Custom-made drawings of life-like wildlife are printed and embossed on heavy paper, making this coloring series fun for all. Wide, solid, embossed lines identify the creature while thin embossed lines denote color separation on the creature's body. Dashed lines identify background images and solid, raised areas identify parts of the images that are too small to fill with color. Each image includes fun facts about that creature's life, including size, diet, predators, and environment, along with specific color code for that creature.

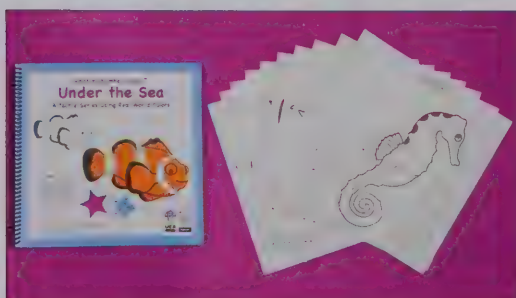
1-03938-00 \$39.00



## Tropical Rainforest **UEB**

Wide, solid, embossed lines identify the animal, and thin embossed lines depict color separation on the animal's body. The dashed lines identify background images such as leaves, branches, and flowers. Solid raised areas identify parts of the images that are too small to fill with color, such as small bugs and small body parts.

1-03934-00 \$39.00



## Under the Sea **UEB**

Students will enjoy perfecting their art skills as they learn about the colors and creatures found under the sea. Wide, solid, embossed lines identify the sea creature, while thin embossed lines denote color separation on the creatures' body. Dashed lines identify background images, and solid, raised areas identify parts of the images that are too small to fill with color.

1-03936-00 \$39.00

## Time For Art: Projects and Lessons for Students With Visual Impairments

A handbook for teachers and parents that explains how to instruct students with visual impairments in art, how to handle the media being explored, and points to consider in art program planning.

Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

8-03800-00 \$26.00

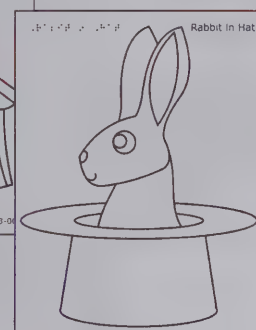
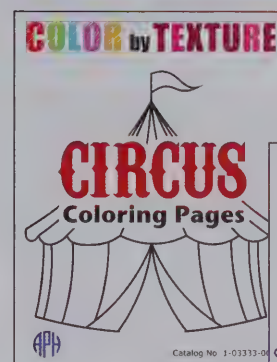


## Color-by-Texture CIRCUS Coloring Pages

These theme-based coloring pages complement APH's Color-by-Texture Marking Mats. These raised-line coloring pages facilitate a variety of art activities for young children and students who are visually impaired and blind.

Recommended ages: 6 years and up.

1-03333-00 \$27.00



## Color-by-Texture Marking Mats

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences.

The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

1-03332-00 \$144.00







## Paint Pot Palette: Creating Art Through Touch

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush. Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, [www.PlayAbilityToys.com](http://www.PlayAbilityToys.com)

**1-03933-00 \$53.00**



## Braille Beads: APH Starter Kit

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. Braille Beads measure 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm). Kit includes the LP and braille Bejeweled With Braille guidebook.

Recommended ages: 5 years and up.

**1-08879-00 \$229.00**



# Business and Vocational Education Section Index



FoldRite Letter Folding Tool..... 85

## Business and Vocational Education Related Products

Analog Clock Model..... 67

### Braille

DateBook ..... 165

Pocket Folders ..... 126

EZ Track Products..... 167

JAWS and ZoomText..... 155

Keitzer Check Writing Guide ..... 164

Learn Keys: Verbal Keyboard Feedback.... 108

MiniBook Braille Quick-Note Products..... 165

Money Handling and Budgeting ..... 166

Super-Sized Folders ..... 126

Transition Tote System ..... 159

MATT Connect..... 153

Wooden Junior Constructo Set ..... 173

## FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00 \$5.00





# Physical Education Section Index



APH Sound Balls.....	87
Everybody Plays!.....	87
Games for People with Sensory Impairments.....	87
Going Places.....	88
Gross Motor Development Curriculum .....	88
Jump Rope to Fitness Kit .....	89
Portable Sound Source .....	88

Rib-It-Balls.....	87
30-Love Tennis Kit.....	89
Walk/Run for Fitness Kit .....	89

## Physical Education Related Products

Hop-A-Dot Mat.....	171
Push Button Padlock.....	168

## APH Sound Balls

Features dual speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; 7 1/2 inches in diameter.

**Boing Boing** (Yellow)

1-07510-00 \$122.00

**Techno Beat** (Red)

1-07516-00 \$122.00

## Rib-It-Balls

These fun balls are easy to grab and have high contrast ribbing. "Crinkly" fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

**14-inch red/yellow**

1-07513-00 \$27.00

**18-inch blue/yellow**

1-07514-00 \$43.00

**30-inch black/yellow**

w/pump

1-07515-00 \$85.00



## Everybody Plays! How Kids With Visual Impairments Play Sports

A fun storybook that follows an elementary school-age child to a sports camp for children who have visual impairments, blindness, or deafblindness. Readers learn about sports and recreational physical activities that are enjoyed universally.

**Large Print/CD**

7-13095-00 \$74.00

**Braille/CD**

5-13095-00 \$38.00



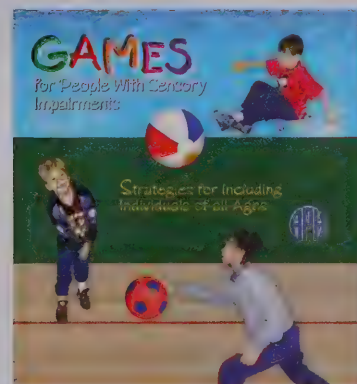
## Games for People With Sensory Impairments

A valuable book that initiates exploration and stimulates the reader's creativity and resourcefulness!

Includes strategies for including individuals of all ages in physical activity. The authors draw on their extensive experience in teaching students of all ages who have visual impairments, blindness, deafblindness, and multiple disabilities.

Large Print with CD-ROM that contains an .html file. Braille version available as a free download.

7-08609-00 \$66.00







## Gross Motor Development Curriculum For Children With Visual Impairment

This three-part book, by authors Pamela Haibach, PhD, and Lauren Lieberman, PhD, addresses the specific skills of children with visual impairments based upon research findings on fundamental motor skills. The curriculum provides teachers and parents with a detailed breakdown of each locomotor skill and object control skill.

7-08400-00 \$36.00

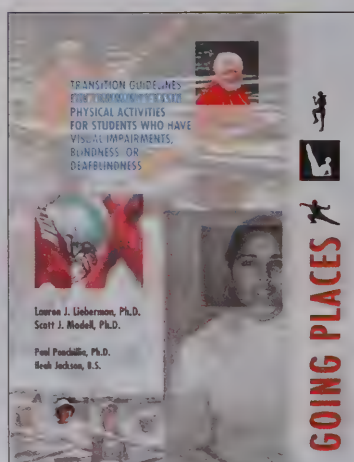


## Portable Sound Source, Sport Edition

This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Braille Guidebook sold separately.

Recommended ages: 6 years and up.

1-03045-00 \$246.00



## Going Places: Transition Guidelines for Community-Based Physical Activities for Students who Have Visual Impairments, Blindness, or Deafblindness

This resource guide for teens and young adults promotes independent physical activity.

It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena. Includes a large print guide and CD.

7-13090-01 \$108.00



The APH Sound Ball is amazing! Not only can you play ball sports and practice rolling, throwing, and catching skills, you can use it as a sound location device for running, target practice, hide-and-seek, and many other fun activities.



## 30-Love Tennis Kit

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: 2 blindfolds and 2 rackets; set of 6 sound-adapted tennis balls; and 30-Love: Tennis Guidelines, large print and braille editions.

**1-08110-00 \$145.00**



## Jump Rope to Fitness Kit

Did you know that 10 minutes of jumping rope can be as effective as 30 minutes of jogging? The APH Jump Rope to Fitness Kit provides individuals who are blind or visually impaired, the tools to jump rope independently, learn specific skills, and set goals.

Recommended ages: 9 years and up.

**1-07521-00 \$161.00**



## Walk/Run for Fitness Kit

This Kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Includes two talking pedometers. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

**1-07520-00 \$181.00**



The knowledge of movement is not learned incidentally by persons congenitally blind—it must be taught. The techniques used to teach movement skills should be accessible, meaningful, and taught with dignity to youth who cannot see. Having a visual impairment does not exempt one from the need to move. APH's yearly winter and summer camp listing is an invaluable resource and motivator to keep youth moving!"





# Communication Modes and Literacy Education

## Section Index



All-In-One Boards .....	93	Braille Transcriber's Kits (BTK) .....	119, 120
Aluminum Diagramming Foil .....	104	Brailers (Braillewriters) .....	119
Antique Ivory Opaque Paper .....	124	Braillewriting Dot by Dot .....	97
Beginner's Writing Paper .....	120	Building on Patterns (BOP) Series ....	113-118
Big Cell .....	110	Calendar Box Stabilizer .....	103
Bold-Line Tactile Graph Sheets .....	124	Calendar Kits .....	106
Bold Print Paper and Notebooks .....	123	Card Chart Kit .....	106
Braille Binders,		Covers for Braille Documents .....	120
Folders, Notebooks .....	121, 123, 125-126	Desk Top Reading Stand .....	109
Brailleable Labels and Sheets .....	97	Dividers for Braille Notebooks .....	121
Braille Alphabet and Numbers Card .....	108	DRAFTSMAN Tactile Drawing Board ....	104
BrailleBuzz .....	127	Early Braille Tradebooks .....	94-96
Braille Paper .....	121-122	Embossed Pencil Writing Paper .....	119
Braille Slates, Styluses, and Erasers .....	98-99	Expandable Calendar Boxes .....	102

# Communication Modes and Literacy Education Section Index

Feel 'n Peel Series .....	100-101
Carousel of Textures II <b>N</b> .....	100
Flip-Over Concept Books .....	112
GrandStand: Portable Reading Ease .....	109
Graph Sheets .....	124-125
Graphic Art Tape .....	103
I-M-ABLE <b>N</b> .....	127
IntelliTactiles Pre-Braille Concepts .....	105
Large Magnetic Dry Erase Board .....	93
Learn Keys: Verbal	
Keyboard Feedback .....	108
Mailing Envelopes for Braille .....	120
Match-It-Up Frames .....	93
Peg Slate .....	97
PermaBraille .....	122
Pop-A-Cell .....	110
Quick Check .....	108
Quick-Draw Paper .....	105
Quick Pick: Braille Contractions <b>R</b> .....	92
ReadWrite Stands .....	109
SAM: Symbols and Meaning .....	102
Setting the Stage .....	111
Shafer Reading Stand .....	108
SlateHolder .....	99
STACS Kit .....	103
Student Starter Pack .....	99
Swail Dot Inverter .....	105
Swing Cell Compact .....	110
Tactile Connections .....	102
Tactile Graphics Kit .....	104
Tactile Graphic Line Slate .....	99
Tactile Marking Mat .....	112
TactileDoodle Kit <b>N</b> .....	92
Talking Typewriter .....	107
Teaching Touch .....	111

Textured Paper Collection .....	104
Touch and Tell .....	111
Weekly Reader: Special Print/Braille .....	110
Word Associations Print/Braille Labels .....	106

## Communication Modes and Literacy Related Products

APH Signature Guide .....	168
Braille Beads .....	84
Braille Contraction Cards .....	48
Braille DateBook .....	165
Clock Face Sheets in Braille .....	67
Deafblind Pocket Communicator .....	164
Expanded Dolch Word Cards, UEB .....	48
EZ Track Products .....	167
Lots of Dots Series .....	43
MiniBook Braille Quick-Note Products .....	165
Moving Ahead Series .....	32
Nemeth Tutorial .....	56
On the Way to Literacy Series .....	27-30
Reach & Match .....	25
SQUID Tactile Activities Magazines .....	175
Tactile Book Builder Kit .....	33
Tactile Editing Marks Kit .....	45
Visual Brailier .....	156



# Communication Modes and Literacy Education



## TactileDoodle Kit **N**

Draw, play, and create - your way! The TactileDoodle is a low-tech drawing board that can be used at home or in school to generate tactile, raised-line graphics or art. Simply pick up the included short, single-tip stylus or a ballpoint pen and start drawing. Drawn tactile images appear white against a black background/padded surface for enhanced visual contrast or chalkboard appearance.

### Use TactileDoodle to

- Demonstrate a variety of concepts related to science, math, geography, etc.
- Illustrate spatial concepts and simple maps.
- Practice handwriting skills.
- Play interactive games (e. g. tic-tac-toe).
- Complete more open-ended, artistic drawing activities.
- Practice tracing skills (e. g. tracing with a stencil or around a 3-D object).
- Provide tactile illustrations during teachable moments.

1-08824-00 \$109.00



## Quick Pick Braille Contractions **R** **UEB**

Includes two cases of fifty cards with each case representing a cross-section of braille contractions in UEB braille code. On both sides of the cards, a braille contraction is on the top and four uncontracted answer choices are across the bottom. To play, the player chooses an answer by inserting the wooden tool in one of four holes in the front of the case. If the answer is correct, the card will slide out. If incorrect, the card will not pull out, and the player should try again.

1-03576-01 \$127.00

# Communication Modes and Literacy Education

## Large Magnetic Dry Erase Board

The Large Magnetic Dry Erase Board can be used as a standalone product to accommodate activities involving magnetic-backed pieces or activities requiring dry-erase markers. The working surface of the board measures 21 3/8 x 13 1/2 inches and is affixed to a blue, rigid vinyl that provides a visual border.

Recommended ages: All.

1-03557-00 \$41.00



## Match-It-Up Frames

Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind and visually impaired, as well as those with multiple disabilities.

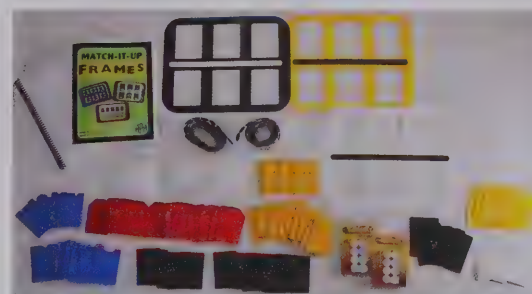
Recommended ages: 3 years and up.

**Small Set**

1-08828-00 \$141.00

**Large Set**

1-08827-00 \$219.00



## All-In-One Board

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-and-loop accessories or magnetic pieces, as well as with dry-erase markers. Board can be positioned at a variety of angles. For classroom use with students of all ages.

Surface of board is 23 9/16 x 14 inches.

1-08836-00 \$158.00



## All-In-One Board: Student Model

Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in the same way as the All-in-One Board. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness. Surface of board measures 13 1/2 x 10 3/4 inches.

1-08833-00 \$137.00





## Early Braille Trade Books

APH's Early Braille Trade Books combine commercially available books with braille labels for beginning readers. These kits include books, braille labels, and access to an interactive website: <https://ebt.aph.tech.org/>.

Each kit includes a Quick Start Guide, braille label packs, and storybooks.

### Features & Benefits

- Includes contracted or uncontracted braille labels.
- Packaged by Developmental Reading Assessment (DRA) and Fountas and Pinnell Reading Levels.
- Match books to each student based on his or her braille knowledge.
- Search for books by genre, core curriculum, and/or expanded core curriculum.
- Included interactive website allows you to:
  - access a book summary and activities designed for braille readers.
  - share or transfer student records to other teachers.
  - maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings.
  - find books to use in conjunction with APH's Building on Patterns (BOP) series.

# Communication Modes and Literacy Education

## Rigby PM Platinum Kits

### Kit 1

#### Braille, Fiction, Level 3-C

- Baby Lamb's First Drink
- The Baby Owls
- Hedgehog is Hungry
- The Lazy Pig
- Tiger, Tiger

#### Contracted

3-00301-00 \$109.00

#### Uncontracted

3-00302-00 \$109.00

### Kit 2

#### Braille, Fiction, Level 3-C

- The Big Kick
- The Bumper Cars
- The Little Snowman
- The Merry-go-round
- Wake up, Dad

#### Contracted

3-00303-00 \$109.00

#### Uncontracted

3-00304-00 \$109.00

### Kit 3

#### Braille, Fiction, Level 4-D

- Ben's Teddy Bear
- Ben's Treasure Hunt
- Father Bear Goes Fishing
- Hide and Seek
- Tom is Brave
- Where is Hannah?

#### Contracted

3-00305-00 \$129.00

#### Uncontracted

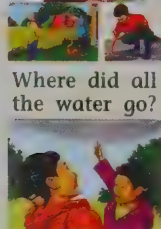
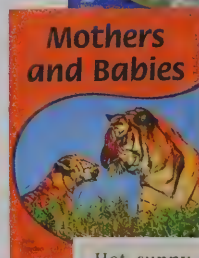
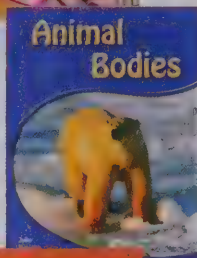
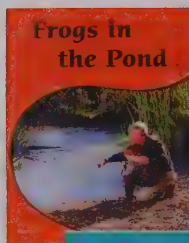
3-00306-00 \$129.00

Recommended grades: Kindergarten and up.





# Communication Modes and Literacy Education



## Rigby Nonfiction Kits **UEB**

### Kit 1

Braille, Nonfiction, Level 4-D

#### Six books

- Animals on My Street
- Frogs in the Pond
- My Big Tree
- Our Dog
- Our Pets
- Puddles

#### Contracted

3-00401-00 \$131.00

#### Uncontracted

3-00402-00 \$131.00

### Kit 2

Braille, Nonfiction, Level 6-8-E

#### Four books

- Animal Bodies
- Animals on Our Farm
- Mothers and Babies
- Our Fish

#### Contracted

3-00403-00 \$92.00

#### Uncontracted

3-00404-00 \$92.00

### Kit 3

Braille, Nonfiction, Level 10-F

#### Four books

- Hot sunny days
- Rain is water
- The sun, the wind, and the rain
- Where did all the water go?

#### Contracted

3-00405-00 \$99.00

#### Uncontracted

3-00406-00 \$99.00

Recommended grades: One and up.

# Communication Modes and Literacy Education

## Brailleable Labels and Sheets

These clear, blank, self-adhesive labels can be brailled and used on items around home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for braille and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

### Assorted Pack

(5 small, 5 large,  
10 full-size, and  
30 pin-fed sheets)  
**1-08871-00** \$50.00

### Small Label Pack

(3.87 x 0.95) 10 sheets,  
18 labels per sheet  
**1-08872-00** \$13.00

### Large Label Pack

(3.87 x 1.75) 10 sheets,  
10 labels per sheet  
**1-08873-00** \$13.00

### Full-Size Labels

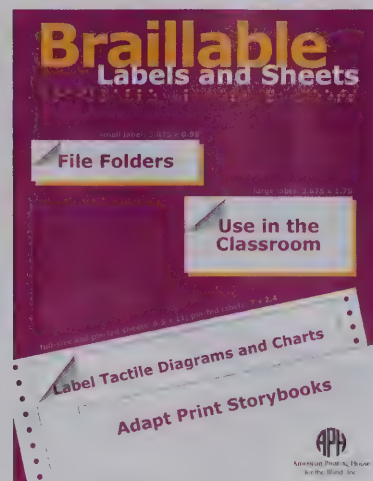
(8.5 x 11) 15 sheets  
**1-08874-00** \$18.00

### Pin-Fed Labels

(8.5 x 11)  
30 continuous sheets  
**1-08875-00** \$38.00

### Pin-Fed Labels

(7 x 2.4) 102 labels on a  
continuous sheet  
Not included in Assorted  
Label Package.  
**1-08895-00** \$23.00



## Braillewriting Dot by Dot

This kit focuses on beginning writing skills with braillewriters and slate & stylus. Braillewriting Dot by Dot kits are available in braille and print.

**Note:** It is recommended that a Swing Cell Compact, 6-78041-00, be used with this kit.

### With Braille

**Teacher's Manual**  
**5-17400-00** \$63.50

### With Print

**Teacher's Manual**  
**7-17400-00** \$79.00



## Peg Slate

Designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. Push pegs down, then flip frame over to read the braille message. Instructions in print and braille.

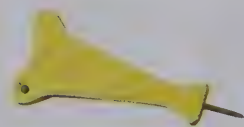
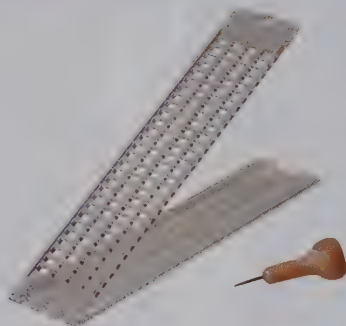
Recommended ages: 6 years and up.

**1-08830-00** \$22.00





# Communication Modes and Literacy Education



## Braille Slates, Styluses, and Erasers

All slates include a stylus. Stylus Key: L = Large Handle, S = Saddle, F = Flat

Recommended ages: 6 years and up.

### Braille Slates

#### Janus Interline

9 Cell, 11 Lines,  
Plastic (S),  
5 1/2 x 3 1/2 inches  
**1-00050-00 \$5.00**

#### Interpoint Pins Up

28 Cell, Lightweight  
Metal (L), Slotted for  
Labeling Tape,  
8 1/4 x 1 3/4 inches  
**1-00081-01 \$74.00**

#### Pocket Slate Pins Up

28 Cell, 4 Lines,  
Clear Plastic (L),  
8 1/4 x 1 3/4 inches  
**1-00078-00 \$11.00**

28 Cell, Heavyweight  
Metal (L), Slotted for  
Labeling Tape,  
8 1/4 x 1 3/4 inches  
**1-00160-00 \$80.00**

28 Cell, Black Plastic (L),  
8 1/4 x 1 3/4 inches  
**1-00080-00 \$11.00**

### Braille Styluses

(all have a metal point, F = Flat)

**Large Yellow (F),**  
Fits in notebook or binder  
**1-00121-00 \$2.50**

**Small Green (F),**  
Fits in notebook or binder  
**1-00122-00 \$2.50**

**Saddle-Shaped**  
Plastic concave dip in handle  
2 5/8 x 1 1/4 inches  
**1-00120-00 \$2.50**

#### Wood Handle

**Large**  
Side of Handle (F),  
2 3/8 x 7/8 inches  
**1-00200-00 \$2.50**

**Small**  
1 7/8 x 3/4 inches  
**1-00220-00 \$2.50**

### Braille Erasers

**Wooden**  
2 1/2 inches long  
**1-00270-00 \$3.00**

**Plastic**  
One Broad, One Narrow End,  
5 inches long  
**1-00280-00 \$3.00**

# Communication Modes and Literacy Education

## Four Line 8 Dot Slate

Traditional braille consists of six dots per cell, but six dots can only represent 64 unique patterns. It is often desirable, especially in scientific or computer fields, to be able to represent a full character set, like ASCII in a one-to-one correspondence. That is where the 8-dot cell becomes important. APH offers a free file download that allows you to print your own slate on a 3-D printer.

**D-19920-ED FREE**

## Slateholder

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder.

Measures approx. 3 1/2 x 9 inches. Slates and styluses sold separately.

**1-00082-00 \$11.00**

## Tactile Graphic Line Slate

This specially designed two-ended stylus is specially designed for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media.

Recommended ages: 10 years and up.

**1-00100-00 \$46.00**

## Student Starter Pack

Basic braille materials packaged for students who are taking beginning braille classes. Includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line, 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus.

**1-00350-00 \$81.00**





# Communication Modes and Literacy Education

## Feel 'n Peel Products

These fun and educational tactile/visual stickers and sheets have a variety of uses, and are printed and/or embossed on durable plastic with bright, translucent colors.



### Braille/Print Capital Letters A-Z

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind and visually impaired. These multi-use braille/print stickers are embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08870-00 \$19.00



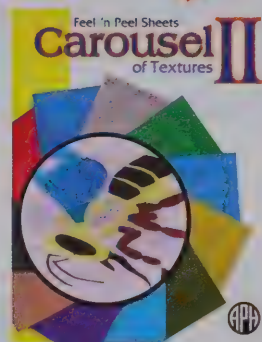
### Feel 'n Peel Sheets

#### Carousel of Textures

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08863-00 \$96.00



### Feel 'n Peel Sheets

#### Carousel of Textures II

These colorful, tactile sheets provide a simple way to create graphs and adapt games and art projects. Used by teachers, parents, students, and adults - these sheets provide an extended assortment in a variety of textures and colors to complement Carousel of Textures I.

**Note:** The textured sheets included in Carousel of Textures II are not intended for thermoforming purposes. The colors, textures, and/or quantities of sheets and types of adhesive included may differ over time due to unexpected changes in availability.

Recommended grades: Preschool and up.

1-08897-00 \$135.00

# Communication Modes and Literacy Education

## Nemeth Braille/Print

### Numbers 0-100

These multi-use tactile stickers are printed and embossed. Make the world around you more accessible with Feel 'n Peel Stickers: UEB Braille/Print Numbers 0-100! Printed and embossed on clear, durable plastic, these multi-use tactile stickers are intended for the creation and adaptation of science and math-related materials. To use the stickers, simply peel a sticker off of one of the included sheets and place it on a desired object.

Recommended grades: Preschool and up.

Nemeth

1-08876-00 \$24.00

UEB 

1-08971-00 \$24.00

### Basic Math Symbols

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Recommended grades: Preschool and up.

Nemeth

1-08892-00 \$33.00

UEB

1-08893-00 \$33.00

### Feel 'n Peel Stickers I

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

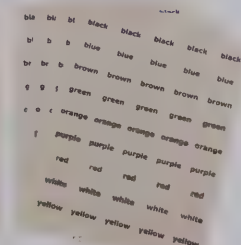
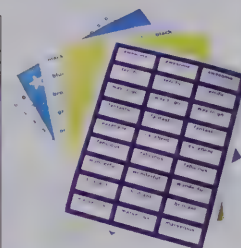
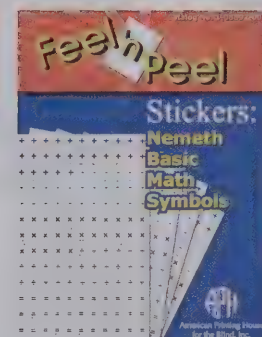
1-08843-00 \$77.00

### Feel 'n Peel Stickers II

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

1-08864-00 \$96.00







## SAM: Symbols and Meaning



A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols. The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

**Note:** For the APH Intervention Continuum, APH recommends that learners use SAM and two other products in a certain order, see page 11 for more information.

**1-08854-00 \$428.00**



## Tactile Connections: Symbols for Communication



This kit helps teachers create a tactile card system that is individualized for learners who have visual impairments or who are blind, have additional disabilities, and/or lack a formal means of communication or literacy.

Recommended ages: 5 years and up.

**1-08837-00 \$162.00**



## Expandable Calendar Boxes



These closed-cell foam boxes can be used singularly as an anticipation box, or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

## White

**1-08651-00 \$151.00**

**Black**

1-08652-00 \$151.00

## Calendar Box Stabilizer



Designed to rest on the majority of wheelchair trays, the stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student. The stabilizer is white on one side and black on the opposite side. For the visual ease of students—especially those students with cerebral/cortical visual impairment (CVI)—use the included white hook and loop material on the white side of the stabilizer and black hook and loop material on the black side. **Note:** Calendar Boxes not included with Stabilizer.

**1-08653-00 \$37.00**



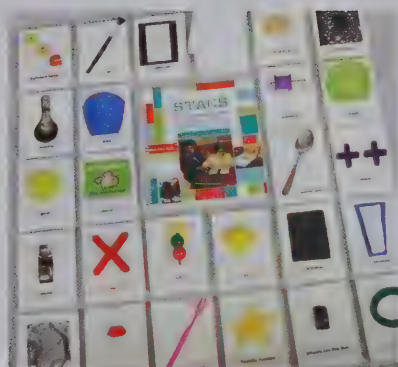
# STACS: Standardized Tactile Augmentative Communication Symbols Kit



Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary. Kit includes the LP guidebook. An optional braille version is sold separately.

Recommended ages: All.

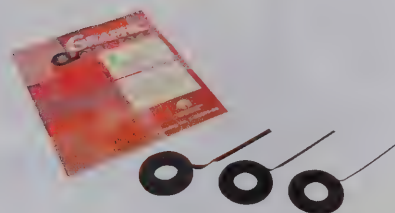
**1-08815-00 \$696.00**



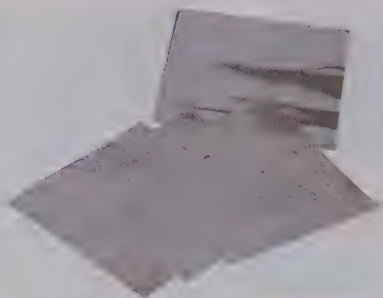
## Graphic Art Tape

Includes three different widths of black, crepe-finish tape, 1/4, 1/8, and 1/16 inches, in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

**1-08878-00 \$38.00**







## Aluminum Diagramming Foil

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Sheets measure 11 x 11 inches.

(30-pk)

**1-04090-00 \$39.00**



## Tactile Graphics Kit

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

**1-08851-00 \$297.00**



## DRAFTSMAN Tactile Drawing Board

A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. The board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board and use the included stylus or a ballpoint pen to quickly draw a raised image.

**1-08857-00 \$229.00**



## Textured Paper Collection

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

**1-03275-00 \$54.00**

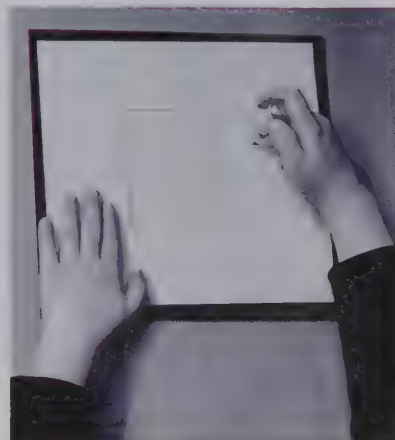
# Communication Modes and Literacy Education

## Swail Dot Inverter

Construct simple diagrams, graphs, maps, etc., by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper, available in multiple sizes from American Thermoform, [www.americanthermoform.com](http://www.americanthermoform.com)

Recommended ages: 5 years and up.

1-03610-00 \$45.00



## Quick-Draw Paper

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of Quick-Draw™ Paper, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.

1-04960-00 \$45.00

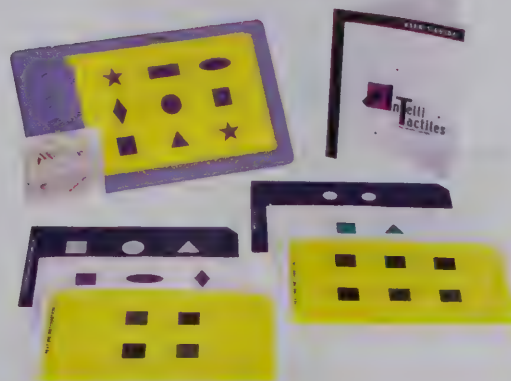


## IntelliTactiles Pre-Braille Concepts, Classroom Suite Edition

IntelliTactiles™ Pre-Braille Concepts Classroom Suite Edition helps develop skills such as tactile discrimination, shape recognition, and understanding of spatial/positional concepts. Includes seven tactile overlays that can be used alone or with the commercially available IntelliKeys® USB keyboard.

Recommended ages: 5 to 10 years.

1-08516-01 \$173.00



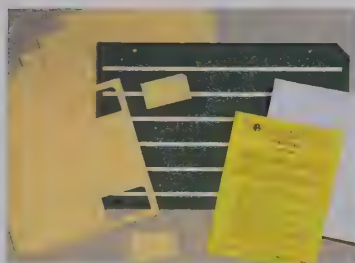
IntelliKeys keyboard not included.



# Communication Modes and Literacy Education



(Ball & bell not included)



## Word Associations

### Print/Braille Labels

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. Includes 91 labels and a Manual in either large print or braille.

Recommended ages: 3 years and up.

**Labels with  
Large Print Manual**  
8-39050-00 \$59.00

**Labels with  
Braille Manual**  
6-39050-00 \$44.00

### Card Chart Kit

Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging. Up to five cards can be inserted into each of six high contrast slots. Includes 90 blank cards, and a corner cut for orientation.

Recommended ages: All.

1-03550-00 \$48.00

## Individual Calendar Kit

Includes 12 brightly colored, embossed/bold line grid sheets - one for each month. Labels are marked in large print and in braille.

Recommended ages: 4 to 10 years.

1-18971-00 \$18.00

### Classroom Calendar Kit

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

Recommended ages: 4 to 10 years.

**English**  
1-18970-00 \$171.00

**Spanish**  
1-18973-00 \$174.00



## Talking Typer (for iOS devices)

Comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

The app can also be used with a refreshable braille display, making it accessible for students who are deafblind. Works with iOS devices running iOS 9.1 or later.

**Note:** Find detailed software purchasing instructions in the "How to Order" section page 192.

### Non-Quota (for individual purchase)

Available from the App Store:

<https://itunes.apple.com/app/id992103463>

**D-30021-AP** \$4.99

### Quota

**D-30021-APL** \$4.99

## Talking Typer™

A computer keyboard and typing training software that speaks and displays lessons on screen.

Includes drills, practice, and typing games, and is adjustable to the student's level of skill and sight impairment.

Requires a PC running Windows® 7 or later.

Recommended ages: 6 years and up.

### CD-ROM

**D-03430-01** \$89.00

### Digital Download

**D-03430-ED** \$79.00

Digital Download, Multiple Licenses

### 25–49 users

**D-03430-ED1**

\$69.00/machine

### 75–99 users

**D-03430-ED3**

\$55.00/machine

### 50–74 users

**D-03430-ED2**

\$63.00/machine

### 100+ users

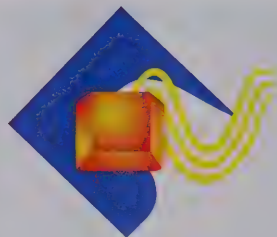
**D-03430-ED4**

\$47.00/machine





# Communication Modes and Literacy Education



## Learn Keys: Verbal Keyboard Feedback Software



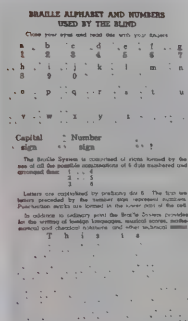
A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows® 7 or later.

**Note:** Learn Keys is not a screen reader – it speaks keystrokes.

**CD-ROM**  
**D-03410-00 \$14.95**

**Digital Download**  
**D-03410-ED \$14.95**

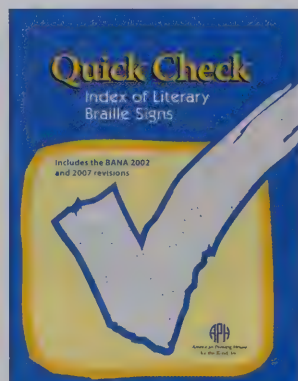


## Braille Alphabet and Numbers Card

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Non-Quota

(100-pk)  
**1-04020-00 \$8.00**



## Quick Check: Index of Literary Braille Signs

This booklet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

**7-35960-01 \$10.50**

## Shafer Reading Stand

Adjustable, heavy-duty self-supporting stand for large print publications. Has a tripod base with a 42-inch shaft, and a four-joint, adjustable swivel arm/book rack. Bookrack measures 16 x 11 1/2 inches. Swivel arm can be locked at any height along the shaft. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and up.

**1-03230-00 \$326.00**



# Communication Modes and Literacy Education

## ReadWrite Stand

Use this stand for both reading and writing tasks. Measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. It features two built-in handles, a low-profile clip for securing materials, and an LED book light.

Recommended ages: 5 years and up.

1-03206-00 \$126.00



## ReadWrite Mini

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs.

**Warning:** Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

Recommended ages: 5 years and up.

1-03207-00 \$103.00

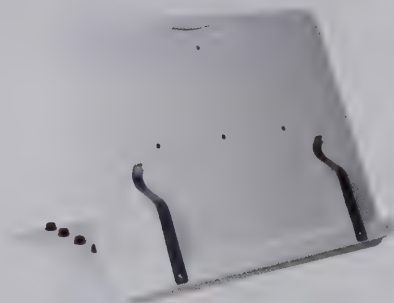


## Desk Top Reading Stand

This reading stand is made of durable white plastic. It is portable and holds reading material at a proper position for low vision users.

Recommended ages: 8 years and up.

1-03220-01 \$181.00



## Grandstand: Portable Reading Easel

Easy to lift, carry, and lock into position. Folds up when not in use. Adjustable shelf may be raised and lowered to accommodate the height of the reader. Surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and up.

**Yellow**

1-03205-00 \$66.00

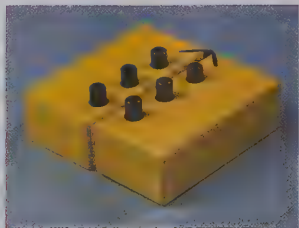
**Black**

1-03204-00 \$64.00





# Communication Modes and Literacy Education



## Swing Cell Compact

Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: 5 years and up.

6-78041-00 \$62.00



## Pop-A-Cell

A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

1-17002-00 \$18.00



## Big Cell

An enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

1-08820-00 \$10.00

## Weekly Reader

SPECIAL PRINT / BRAILLE EDITION



### Lots and Lots and Lots of Dots!

About Braille and Other Ways That Blind Kids Read and Write

**D**id you ever send a message to a friend in a secret code? It's great fun to try to figure out the meaning of a coded message - it's like being a spy! Code - sometimes used for sending a secret message. Many kids who are blind use a simple code called braille. It has six letters and numbers that are made up of raised dots. I hope the Braille like challenge you to read the first message on the back of this book. You'll find out how to read the message!

Braille: A System of Reading and Writing Invented by This Awesome French Guy

**B**raille is a system of reading and writing that was invented by a Frenchman named Louis Braille. Braille is a system of reading and writing that was invented by a Frenchman named Louis Braille. Braille is a system of reading and writing that was invented by a Frenchman named Louis Braille.

OUR HERO!

LOUIS BRAILLE



## Weekly Reader: Special Print/Braille Edition

A fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille. Sold individually.

As a special service, educators may request up to five copies free by calling our 800 number.

Recommended ages: 8 years and up.

Z-SMWR97 \$1.00

# Communication Modes and Literacy Education

## Touch and Tell

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots.

Recommended ages: 5 to 6 years.

6-44670-00 \$99.00



## Teaching Touch

Helps parents or teachers encourage young children (4–7 yrs.) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

1-08861-00 \$69.00



## Setting the Stage for

## Tactile Understanding

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective.

Recommended ages: 5 years and up.

1-08853-00 \$209.00





## Flip-Over Concept Books

These books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

Recommended ages: 4 years and up.

### LINE PATHS

The goal is for the child to find three adjacent panels that continue the same type of line path (e.g., solid, dotted, double-dotted, etc.).

1-08831-00 \$88.00

### PARTS OF A WHOLE

The goal is for the child to find two adjacent panels that complete the whole picture as shown in the first (or left-hand) panel.

1-08832-00 \$63.00

### TEXTURES



The goal is to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the teacher/parent can select from to build a unique Texture flip-over book.

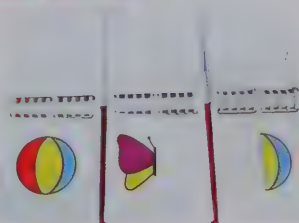
1-08829-00 \$125.00

## Tactile Marking Mat

A textured plastic sheet (17 x 13 1/2 inches) for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, handwriting practice, and creating simple diagrams. Includes 100 sheets of paper.

Recommended ages: 3 years and up.

1-03331-00 \$23.50



## Building on Patterns (BOP)

Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children (through second grade) with visual impairments to read and write using braille.

All BOP Pre-K materials are in UEB

### Prekindergarten Level UEB

BOP Prekindergarten is the first level of the second edition of BOP, and its curriculum reflects best practices in braille literacy instruction, including lessons designed to build literacy skills related to listening, speaking, reading, and writing in preparation for kindergarten. It may be used as a stand-alone program, or as a supplement to regular preschool curricula.

APH recommends that the print children's books and their braille transcriptions in the Student Kit stay with the student after using them during lessons to help them begin (or supplement) their own library. The print and braille books can also be sent home so family members can have their own interactive reading sessions with their child.

APH also highly recommends teachers use the electronic versions of the parent letters in order to tailor them to each student's family.

**Note:** The font for the braille with shadow dots used in the letters is available to download as well.

Please visit the BOP overview and resources pages for more information on all levels of BOP at [www.aphbop.org](http://www.aphbop.org).

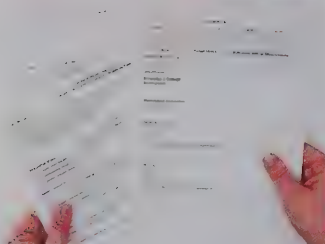
### Features

- Includes 28 instructional lessons, each paired with a children's book and a tactile storybook that supports lesson concepts through activities that involve tracking, simple reading, and understanding tactile graphics.
- Each lesson begins with learning objectives, and then includes sections on the following:
  - **Speaking and listening:** interactive read-alouds using high-quality children's literature with an emphasis on oral vocabulary and listening comprehension
  - **Knowledge and concept development:** days of the week, weather, shapes, and other concepts relevant to the preschool curriculum





# Communication Modes and Literacy Education



- **Phonological/phonemic awareness:** environmental sounds, rhyming words, syllables, and initial and ending sounds
- **Reading:** tracking skills, letter and number recognition, phonics, and independent reading of simple continuous text (tactile storybooks)
- **Writing:** practice exercises, modeled/interactive (shared) writing, and name writing
- A variety of tactile graphics
- Enrichment activities incorporating poetry, arts and crafts, music, and movement.

- Print and braille Teacher Kits are available.

## BOP Prekindergarten Student Kit Includes

- Parent booklet
- Print Parent Letters (also available on the Pre-K website)
- Preschool Teacher Booklet
- Set of 27 Print Children's Books
- Student Set of 28 Braille Children's Books (includes one print-braille book)
- 28 Tactile Storybooks
- 4 Workbooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available on the BOP Prekindergarten website)

**Print Teacher's Kit Includes:** Quick Start Guide, Booklet, Manual, Reading Roundup and Reference Volume

**Braille Teacher's Kit Includes:** Quick Start Guide, Booklet, Reading Roundup, Reference Volume and Teacher's Set of Braille

**Note:** The 28-volume braille Teacher's Manual is not included in this kit. It is available for free download from the APH Downloadable Manuals page.

### Teacher's Kit Print

Print 8-78534-00 \$265.00

Braille 6-78534-00 \$469.00

### Student Kit

6-78530-00 \$859.00

## Building on Patterns (BOP) Kindergarten, First Grade, and Second Grade

**Note:** BOP Kindergarten, First Grade, and Second Grade Levels each have free downloads of the UEB Teacher Supplements from our manuals page for revised information.

**Student materials are in UEB.**

### Kindergarten Level UEB

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete.

Recommended ages: 4 years and up.

**Note:** Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of 7 Student Textbooks, and a Color Me Book.

#### Teacher's Kit

Print (2 vol.)

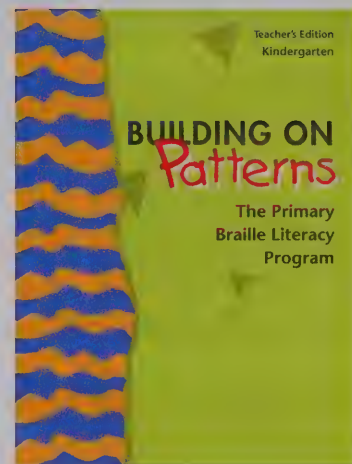
8-78451-00 \$152.00

Braille

6-78451-00 \$152.00

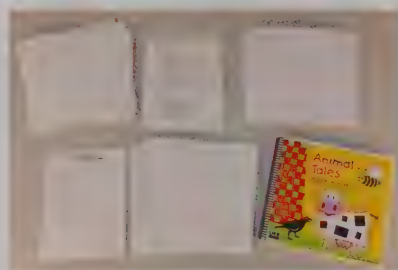
#### Student Kit

6-78550-00 \$209.00





# Communication Modes and Literacy Education



## First Grade Level



BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately. **Note:** Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbook, and Worksheets Pack.

Recommended ages: 6 years and up.

### Unit 1

#### Not Far from Home Student Kit

6-78560-U1 \$139.00

#### Teacher's Kit (Includes Reference Vol.)

Print 8-78561-U1 \$99.00

Braille 6-78561-U1 \$99.00

### Unit 2

#### Going and Doing Student Kit

6-78560-U2 \$139.00

#### Teacher's Kit

Print 8-78461-U2 \$65.00

Braille 6-78461-U2 \$69.00

### Unit 3

#### Animal Tales Student Kit

6-78560-U3 \$139.00

#### Teacher's Kit

Print 8-78461-U3 \$59.00

Braille 6-78461-U3 \$59.00

### Unit 4

#### At School Student Kit

6-78560-U4 \$139.00

#### Teacher's Kit

Print 8-78461-U4 \$59.00

Braille 6-78461-U4 \$59.00

### Unit 5

#### This and That Student Kit

6-78560-U5 \$139.00

#### Teacher's Kit

Print 8-78461-U5 \$59.00

Braille 6-78461-U5 \$59.00

### Unit 6

#### More Animal Tales Student Kit

6-78560-U6 \$139.00

#### Teacher's Kit

Print 8-78461-U6 \$59.00

Braille 6-78461-U6 \$59.00

### Unit 7

#### Think About It! Student Kit

6-78560-U7 \$139.00

#### Teacher's Kit

Print 8-78461-U7 \$59.00

Braille 6-78461-U7 \$59.00

# Communication Modes and Literacy Education

## Second Grade Level

Braille contractions are introduced from the beginning along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds.

For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: 7 years and up.

Prerequisite: BOP First Grade or equivalent skills.

**Note:** Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Vol.

### Unit 1

#### That's So Silly Student Kit

6-78570-U1 \$179.00

#### Teacher's Kit

(Includes Reference Vol.)

Print 8-78571-U1 \$159.00

Braille 6-78571-U1 \$159.00

### Unit 2

#### At Your Service Student Kit

6-78570-U2 \$179.00

#### Teacher's Kit

Print 8-78471-U2 \$159.00

Braille 6-78471-U2 \$159.00

### Unit 3

#### Family and Friends

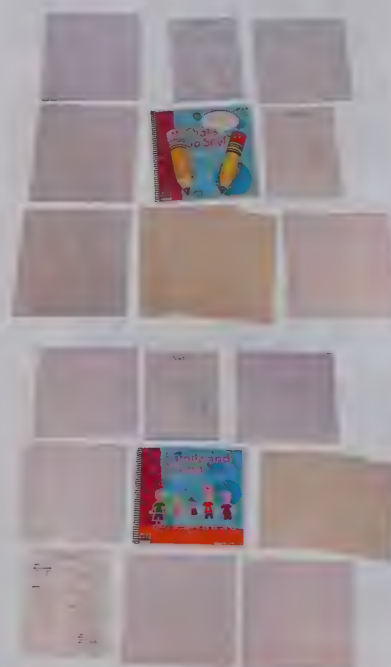
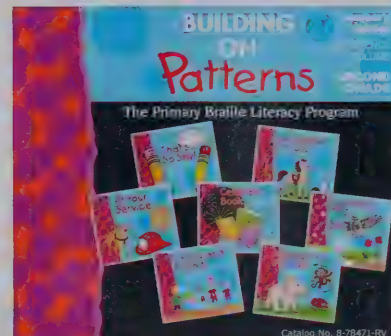
#### Student Kit

6-78570-U3 \$179.00

#### Teacher's Kit

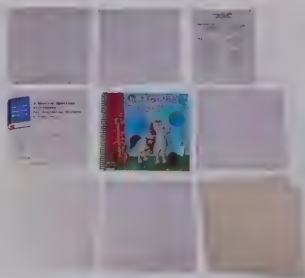
Print 8-78471-U3 \$159.00

Braille 6-78471-U3 \$159.00





# Communication Modes and Literacy Education



## Unit 4

### Just for the Fun of It Student Kit

6-78570-U4 \$179.00

### Teacher's Kit

Print 8-78471-U4 \$159.00

Braille 6-78471-U4 \$159.00



## Unit 5

### It's a Natural Thing Student Kit

6-78570-U5 \$209.00

### Teacher's Kit

Print 8-78471-U5 \$159.00

Braille 6-78471-U5 \$159.00



## Unit 6

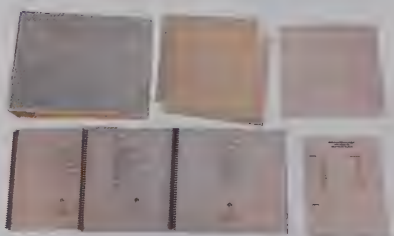
### A Walk on the Wild Side Student Kit

6-78570-U6 \$179.00

### Teacher's Kit

Print 8-78471-U6 \$159.00

Braille 6-78471-U6 \$159.00



## Unit 7

### Celebrate Books

(Includes 3 chapter books)

### Student Kit

6-78570-U7 \$169.00

### Teacher's Kit

Print 8-78471-U7 \$159.00

Braille 6-78471-U7 \$159.00

# Communication Modes and Literacy Education

## APH SMART Brailier by Perkins



This mechanical brailier has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech, and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Recommended ages: 3 years and up.

**Warning:** Young children should be supervised during exploration and pre-braille activities.

Available with Quota funds.

1-00820-00 \$1,995.00 + shipping



## APH Light-Touch Perkins Brailier



This manual brailier has all of the great features of the classic Perkins Brailier but requires less pressure to depress the keys. Extended key design increases usability and comfort, and light gray keys provide contrast against the sapphire blue frame.

Recommended ages: 3 years and up.

**Warning:** Young children should be supervised during exploration and pre-braille activities.

Available with Quota funds.

1-00815-00 \$790.00

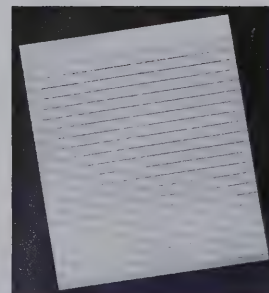


## Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet.

Measures 8 3/4 x 10 1/2 inches and is in pads of approx. 165 sheets.

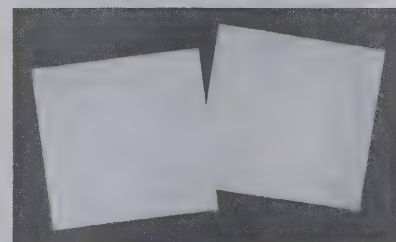
1-04560-00 \$12.00



## Braille Transcriber's Kit: Math

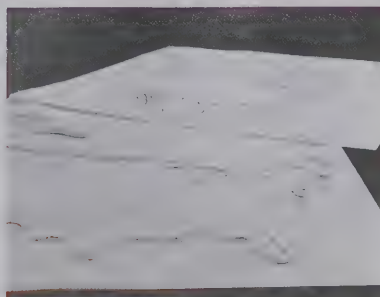
Make braille transcription of elementary math books quicker with this collection of raised-line graphics. Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures.

1-04100-00 \$24.00





# Communication Modes and Literacy Education

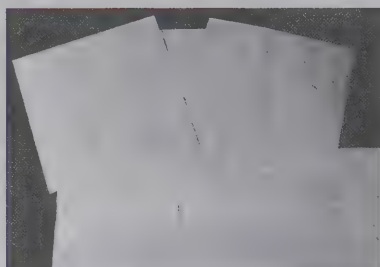


## Braille Transcriber's Kit: U.S. Maps

A collection of embossed and printed drawings found in history, geography, and social studies textbooks. The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials.

Printed maps may be used as outlines for tracing or as masters for "swell paper" tactile graphics.

**1-04101-00 \$27.00**

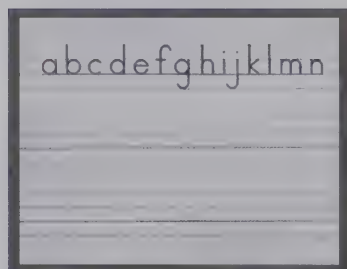


## Braille Transcriber's Kit: Countries and Continents

A collection of embossed and printed outlines of maps commonly found in history, geography, and social studies textbooks.

The embossed sheets may be used as templates when you create tactile maps. Photocopy the images onto your capsule paper, add labels, lines, and symbols, and produce the raised image by running the graphic through the heating machine.

**1-04102-00 \$35.00**

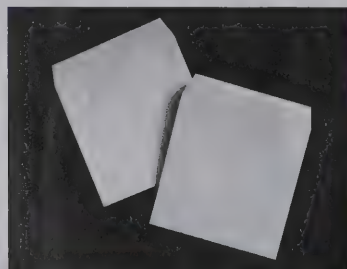


## Beginner's Writing Paper

This special paper helps students practice manuscript writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice.

Recommended ages: 5 years and up.

**1-04920-00 \$7.00**



## Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets.

(25-pk)

**1-04230-00 \$6.00**



## Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

**Royal Blue**

**1-04010-01 \$3.00**

**Clear Frosted**

**1-04010-02 \$3.00**

# Communication Modes and Literacy Education

## Braille Notebooks, 3-Ring

Made of heavy-duty board covered with white vinyl. Holds 11 1/2 x 11 inch braille paper. Holds approximately 100 sheets.

**1-04380-00 \$9.00**

## Dividers for Braille Notebooks, 3-Hole Punch

Will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

**9x11**

(for Azure Blue Notebook)

**1-04225-00 \$4.00**

**12x11**

(for White Notebook)

**1-04226-00 \$4.00**

## Braille Paper

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. Sheet quantities are approximate; all sizes in inches.

## White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

**8 1/2 x 11**

Unpunched 500 sheets

**1-04137-01 \$24.50**

**3- and 19-Hole Punch**

500 sheets

**1-04138-01 \$24.50**

**11 1/2 x 11**

Unpunched 1000 sheets

**1-04139-01 \$50.00**

**3- and 19-Hole Punch**

1000 sheets

**1-04140-01 \$50.00**

## White Braille Paper

This 80# paper is for use with braille slates and brailers.

**8 1/2 X 11**

**Unpunched**

Now with 400 sheets

**1-04151-01 \$10.00**

**11 1/2 x 11**

**Unpunched 150 sheets**

**1-04221-00 \$6.00**

**3-Hole Punch 150 sheets**

**1-04401-00 \$5.00**

**3-Hole Punch 110 sheets**

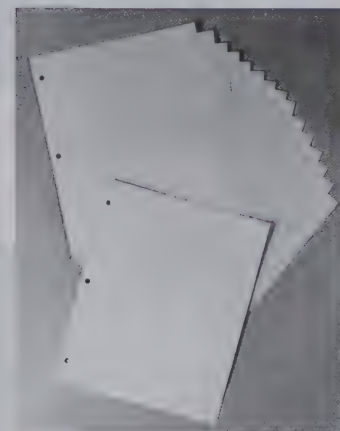
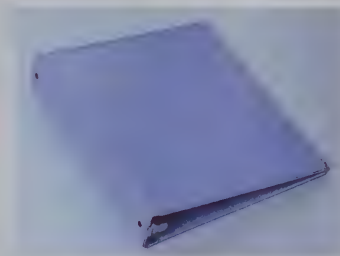
**1-04471-00 \$5.00**

**3 3/4 x 5 3/4 6-Hole Punch**

Fits in Pocket Notebook

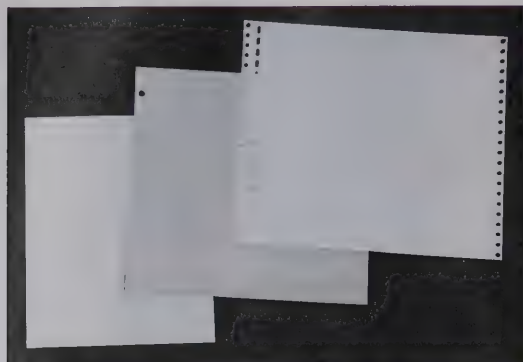
250 sheets

**1-04390-00 \$5.00**





# Communication Modes and Literacy Education



## Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

**8 1/2 x 11**

**Unpunched** 500 sheets

**1-04530-00** \$20.00

**3-Hole Punch** 500 sheets

**1-04660-00** \$20.00

**11 1/2 x 11**

**Unpunched** 500 sheets

**1-04540-00** \$22.00

**3-Hole Punch** 500 sheets

**1-04680-00** \$24.00

**19-Hole Punch** 500 sheets

**1-04650-00** \$25.00



## PermaBraille™

These 8 1/2 x 11 vinyl sheets provide a durable alternative to standard braille paper for a variety of tasks. Use for address and phone number lists, recipe cards, bulletin board displays, flash cards, tactile displays, and much more.

### Advantages of PermaBraille

- Use with either a braillewriter or slate and stylus
- Braille dots are durable and easy to read
- Waterproof and resistant to tearing
- Tactile graphic displays can be created by using a variety of cold-forming tools and specialized drawing tools
- Receptive to permanent markers for adding print labels/notes
- Create tactile graphic displays by using spur wheels (such as APH's Line-Drawing Tool Kit, 1-08851-01) or APH's Tactile Graphics Line Slate, 1-00100-00

(50-pk)

**1-08884-01** \$19.00

# Communication Modes and Literacy Education

## Bold Print Paper

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

## Boldline Spiral Notebook

Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

1-04825-00 \$6.00

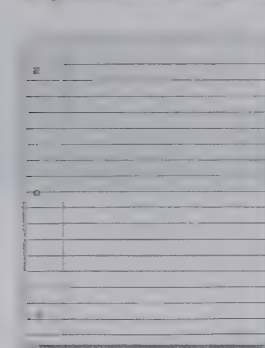
## Collegiate Boldline Spiral Notebook

This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00 \$6.00



HEAVY BOLDLINE SPIRAL NOTEBOOK Catalog No. 1-04825-00



## Bold Line Notebook Paper

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder. 500 sheets of 8 1/2 x 11 paper.

### Loose Sheets

#### 3-Hole Punch

7/16 inch line spacing

1-04851-00 \$17.00

9/16 inch line spacing

1-04861-00 \$17.00

### Padded

#### Unpunched

7/16 Inch Line Spacing

1-04791-00 \$17.00

9/16 Inch Line Spacing

1-04801-00 \$17.00

## Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines, (300-pk).

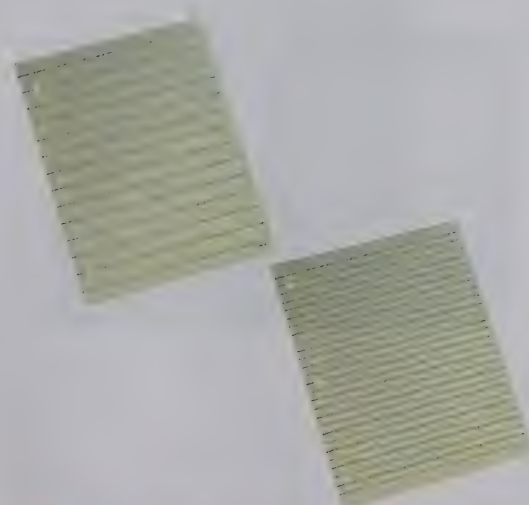
### 8 1/2 x 11, 3-Hole Punch

#### 3/4 inch lines

1-04869-00 \$17.00

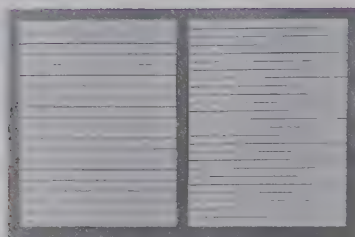
#### 7/16 inch lines

1-04872-00 \$16.00





# Communication Modes and Literacy Education



## Bold Line Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad, 8 1/2 x 11 inch paper.

**7/16 Inch Line Spacing**

**1-04811-00 \$17.00**

**9/16 Inch Line Spacing**

**1-04821-00 \$17.00**



## Antique Ivory Opaque Paper

Ivory colored, unlined paper for good contrast – great for photocopying large print documents, (500-pk).

**8 1/2 x 11**

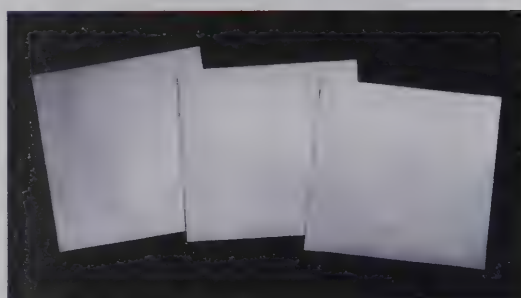
**1-04501-01 \$16.00**

**11 x 17**

**1-04500-00 \$25.00**

**11 x 14**

**1-04500-05 \$23.00**



## Low-Relief Embossed Graph Sheets

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins, (25-pk).

**19 x 19 Grid**

0.4 inch squares

**1-04046-00 \$5.45**

**11 x 10 Grid**

3/4 inch squares

**1-04049-00 \$5.45**

**17 x 16 Grid**

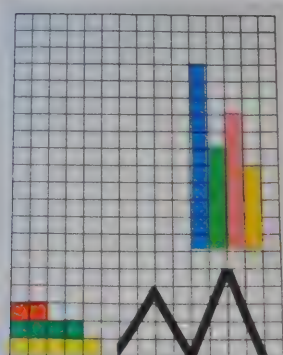
1/2 inch squares

**1-04047-00 \$5.45**

**20 x 20 Grid**

1/2 inch squares, X-Y axis

**1-04045-00 \$8.00**



## Bold-Line Tactile Graph Sheets

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

**1-04080-00 \$49.00**

## Graph Sheets

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. Embossed graph sheets have braille dot grids on manila paper.

**8 1/2 x 11**

**Embossed (50-pk)**

7 x 10 grid

one inch squares

**1-04055-00 \$10.00**

**Bold Line (100-pk)**

**Coordinate Axes**

15 x 20 grid

1/2 inch squares

**1-04061-00 \$43.00**

31 x 40 grid

1/4 inch squares

**1-04062-00 \$43.00**

**For Bar Graphs**

15 x 20 grid

1/2 inch squares

**1-04063-00 \$43.00**

10 x 13 grid

3/4 inch squares

**1-04064-00 \$43.00**

7 x 10 grid

One inch squares

**1-04065-00 \$43.00**

**11 1/2 x 11**

**Embossed (50-pk)**

13 x 13 grid

3/4 inch squares

**1-04057-00 \$10.00**

10 x 10 grid

One inch squares

**1-04058-00 \$10.00**

18 x 21 grid

1-inch margin on 3 sides

1/2 inch squares

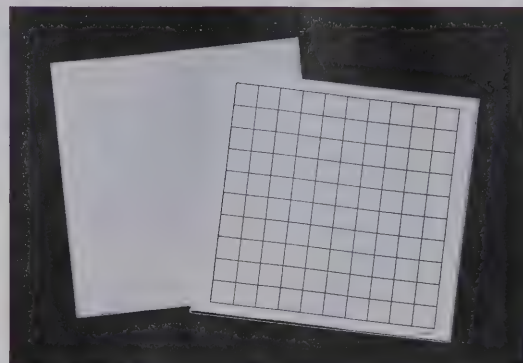
**1-04059-00 \$10.00**

**Bold Line (100-pk)**

10 x 10 grid

One inch squares

**1-04069-00 \$44.00**



## Krebs' Binder, 19-Ring

Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper, 105 sheet capacity. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

**1-04260-00 \$42.00**





# Communication Modes and Literacy Education

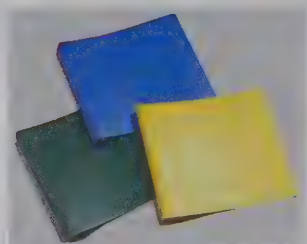


## Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle. Perforated sheets measure 3 x 5 and 1/2 inches (3 x 5 inches when removed). Works easily with APH's Janus Slate.

(6-pk)

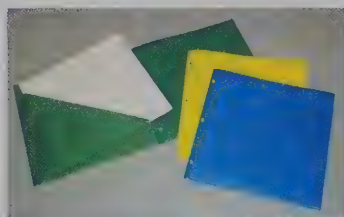
**1-04301-00 \$26.00**



## Floppy Braille Binders

Durable plastic three-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Includes three binders, one each: green, blue, yellow with an inside pocket.

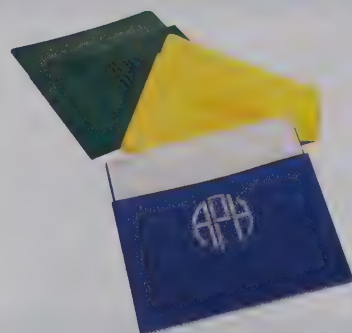
**1-04295-00 \$16.00**



## Braille Pocket Folders

Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, one each: green, blue, and yellow.

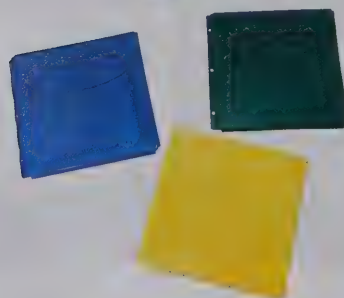
**1-04294-00 \$15.00**



## Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, one each: green, blue, and yellow.

**1-04296-01 \$15.00**



## Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 20+ sheets of braille, one each: green, blue, and yellow.

**1-04297-00 \$29.00**

## Communication Modes and Literacy Education

## I-M-ABLE Kit **N**

The I-M-ABLE, (Individualized Meaning-Centered Approach to Braille Literacy Education) book and accompanying materials are designed to assist children who are candidates for braille instruction, but who are struggling with the beginning stages of learning letters and sounds. This resource also helps students with mild to moderate cognitive impairments or other difficulties. As they teach, teachers can continuously analyze the strengths and needs of their students. The lessons in this curriculum use key vocabulary words and phrases based on students' individual experiences and interests. With success built into each lesson, students are rewarded with progress, which further engages them in the learning experience.

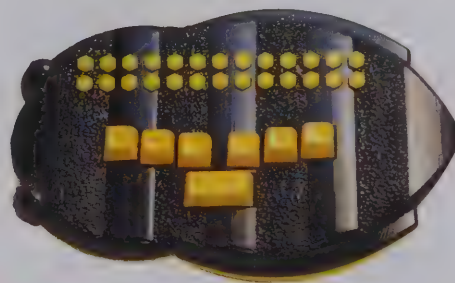
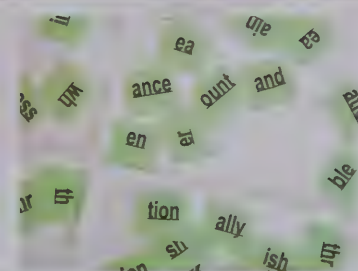
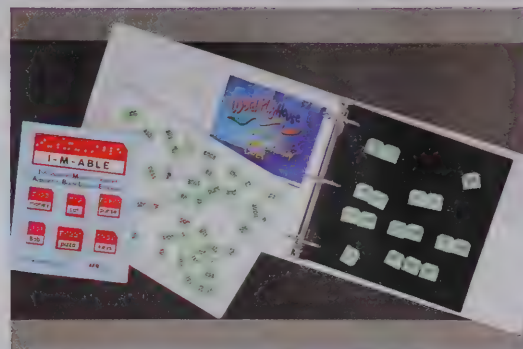
<b>Kit</b>	<b>Electronic Format</b>
<b>1-00351-00 \$495.00</b>	<b>1-00352-00 \$469.00</b>

## BrailleBuzz

BrailleBuzz™ is an instructional toy for young braille learners, ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. Resembling a cartoon bumblebee, BrailleBuzz encourages little ones with audio feedback, a friendly recorded human voice and fun sounds, paired with a Perkins-style braille keyboard, designed with little hands in mind.

Requires 2 AA batteries (not included).

**1-03935-00 \$99.00**





# Visual Efficiency and Low Vision Section Index



Armadillo Army Software .....	141	Plexiglas Spinner and Spinner Patterns ....	138
Bright Line Reading Guide .....	133	Seated Parquetry Set .....	133
Colored Shape Cards .....	138	See Like Me: Low Vision Simulators .....	130
CVI Book Builder .....	130	Spinner Overlays for Light Box .....	135
CVI Complexity Sequences .....		Swirly Mat Sets .....	139
eBook and Interactive Cards .....	140	Teach Me to See Video .....	132
Kit.....	139	Teen Scene: Portraits of Success Video ....	132
Decision Making Guide .....	131	Termite Torpedo Software .....	141
Digital Light Box Artwork .....	137	Toodle Tiles Software .....	141
Dycem <b>N</b> .....	137	Tri-fold Board.....	140
ENVISION .....	132	Topaz Filters <b>N</b> .....	129
Explorer Bright Ray .....	131	UltraLens .....	129
Familiar Object Pictures .....	138	Variable Beam Flashlight Kit .....	132
Increasing Complexity Pegboard.....	131	Video Mag HD .....	133
Individual Study Screen.....	131		
Invisiboard .....	140		
LED .....			
Light Box <b>R</b> .....	134		
Mini-Lite Box <b>R</b> .....	134		
Ledge Set <b>N</b> .....	137		
Light Box Materials and Related .....	135-139		
Match Sticks .....	133		
Mini-Lite Box Overlays.....	135		
Pegs and Pegboard.....	138		
Plexiglas Blocks.....	138		

## Visual Efficiency and Low Vision Related Products

All-in-One Boards .....	93
Bold Line Paper.....	123-124
Color Raceway Kit.....	171
EZ Track Products.....	167
Fine Motor Development Materials .....	34
Reading Stands.....	108-109
Sensory Learning Kit (SLK).....	34

## Topaz Filters **N**

These topaz glasses are amber in color and filter out blue light produced by overhead florescent lighting, LED lighting, UV, and other lighting in the blue color spectrum, similar to UltraLens glasses (see UltraLens description).

**Adult** (wear alone or over glasses)

**1-08179-00** \$12.00

**Jr. With Headstrap**

**1-08180-00** \$35.00

**Jr. Clip-On** (clips to child's glasses)

**1-08182-00** \$30.00

**Infant With Headstrap**

**1-08181-00** \$35.00



## UltraLens

The UltraLens glasses filter out UV and blue light while still allowing the wearer to see materials with a brighter, high contrast view through yellow lenses. UltraLens addresses the amount of blue light exposure through computer screens, overhead florescent lights, LED lighting and other lighting in the blue color spectrum thus reducing glare, eye strain and fatigue. Black lights, which generate both UV and blue light, are sometimes used in vision development activities. The practitioner and child should wear filters like the UltraLens during exposure. These lenses are beneficial in enhancing contrast for the user while providing a comfortable experience in viewing. The yellow lenses are available in four sizes. A soft case is provided to store the lenses.

**Adult** (wear alone or over glasses)

**1-08175-00** \$11.00

**Jr. With Headstrap**

**1-08176-00** \$33.00

**Jr. Clip-On** (clips to child's glasses)

**1-08178-00** \$23.00

**Infant With Headstrap**

**1-08177-00** \$33.00





# Visual Efficiency and Low Vision



## See Like Me: Low Vision Simulators

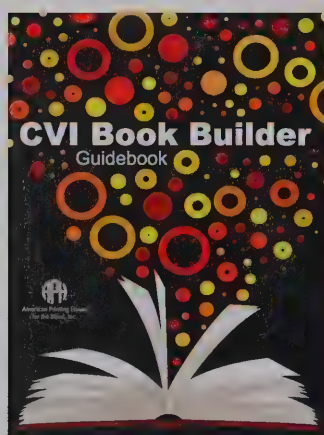


These simulators are standard safety glasses that have been fit with inserts to mimic common eye conditions.

These simulators cannot exactly produce any person's exact vision; instead, they give a general sense of what it is like to function with low vision that stems from a particular condition, including Glaucoma, Diabetic Retinopathy, Macular Degeneration, Detached Retina, and many more!

Recommended ages: 12 years and up.

1-08053-00 \$149.00



## CVI Book Builder



This book-making kit is designed to create individualized books for children diagnosed with CVI. The CVI Book Builder provides materials for parents and teachers to build books specifically for their reader, including a variety of black pages and black binders to use as low complexity backgrounds against which to present familiar items, photos, and letters/words.

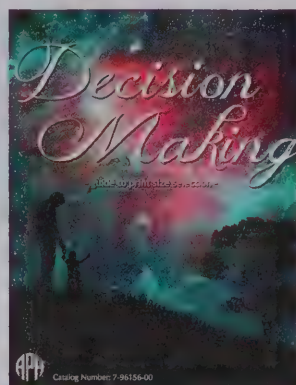
1-08825-00 \$279.00



## Decision Making Guide

Decision Making Guide: A Guide to Print Size Selection is a quick guide to help determine the correct print size for a student's unique visual functioning. The estimate is reached as part of a learning media assessment with the use of word, sentence, and passage reading charts to arrive at print sizes needed for various tasks.

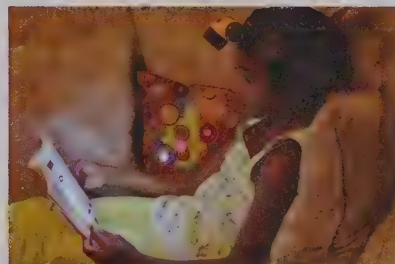
7-96156-00 \$51.00



## Explorer Bright Ray

This head-worn LED lamp helps adults and students with many activities. It features three light intensity settings, adjustable angle and head straps, very low energy usage, unbreakable lens, and water resistant. Included book tells reader everything they need to know about Light Emitting Diodes (LEDs).

1-08943-00 \$79.00

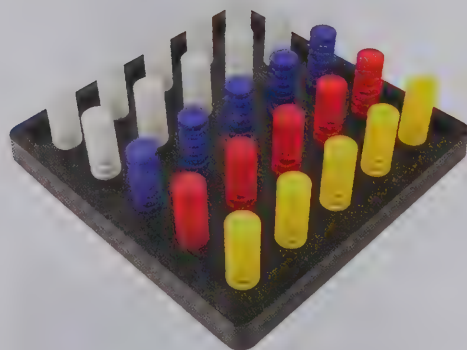


## Increasing Complexity Pegboard

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with CVI. Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

**Note:** The APH Tactile Graphic Image Library (TGIL) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer.

1-08160-00 \$169.00



## Individual Study Screen (ISS)

Allows low vision students to view films and slides. A rear-projection technique enables one student to get as close to the screen as he/she requires. Constructed of tough plastic, screen measures 13 x 10 1/2 inches. Image is projected on a frosted plastic insert.

Recommended ages: 6 years and up.

1-03300-00 \$22.00





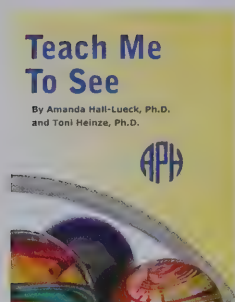
# Visual Efficiency and Low Vision



## Variable Beam Flashlight Kit

Designed to help students develop visual awareness and tracking skills. Kit includes: Instructions and activities, two variable beam flashlights, two sets of five translucent and four transparent color lenses, Color Beam Book (Large Print with CD), and AAA batteries.

**1-08390-02 \$66.00**



## Teach Me to See

This DVD gives practitioners guidance on developing and carrying out activities that are functional and have meaning to each child. Listen to experienced teachers talk about orientation and mobility skills, immersive learning, visual development, and choice-making for their young students.

**1-30044-DVD \$10.00**



## Teen Scene: Portraits of Success Video

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Closed captioned.

**1-30011-DVD \$25.00**



## ENVISION

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students skills such as tracing, tracking, and scanning. Enrichment activities and objectives for each lesson, as well as reports to the clinician are included.

**ENVISION I with Telescope Array** for Distance Devices – simulates standard street signs, addresses, international symbols, and familiar objects.

**1-08551-00 \$919.00**

**ENVISION II with Magnifier Array** for Near Magnification Devices – simulates graphics and print used in textbooks and literature.

**1-08552-00 \$755.00**

## Video Mag HD

American Printing House for the Blind and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body. Its auto-focus HD camera can magnify from 2x to 13x. 4.3-inch LCD screen. Supports five default color modes and 15 additional contrasting color modes.

**1-03914-00** \$499.00 + shipping



## Match Sticks

This game is designed to provide children in Phases II and III of the CVI Range Assessment\* with a matching activity that is fun and entertaining and that helps develop vision skills.

\*Roman-Lantzy, C. (©2007). Cortical Visual Impairment: An Approach to Assessment and Intervention. American Foundation for the Blind Press.

Recommended ages: 5 years and up.

**1-08157-00** \$104.00



## Bright Line Reading Guide

Place guide over text to highlight, eliminate glare, and promote maximum contrast. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

**Yellow (2-pk)**

**1-03060-00** \$11.00

**Pink (2-pk)**

**1-03061-00** \$11.00



## Seated Parquetry Set

Stimulates use of residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place.

Recommended ages: 3 years and up.

**1-03650-00** \$229.00



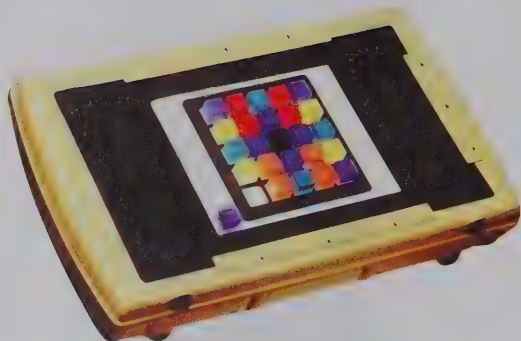


# Visual Efficiency and Low Vision

## Light Boxes

APH's light boxes are unique devices, which help students utilize their residual vision. When used with special sets of materials designed by APH, light boxes help develop awareness of light, color, and objects, and also assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Recommended for all ages.



### LED Light Box

The new and enhanced Light Box now features an LED light bulb, which is known to last longer and use less energy. It also features lithium batteries that hold a charge much longer than previous models. Similar in looks to the Light Box customers have grown to know and love, the new LED Light Box also features a lighted, translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control, and can be used flat or tilt at three angles. Built-in ledges hold overlays in position.

\*Adapter accepts power from 110VAC to 220VAC.

**1-08655-00** \$499.00



### LED Mini-Lite Box

Smaller, lighter, and less expensive than its larger counterpart, the LED Mini-Lite Box is an all-inclusive, person-centered learning tool for students of any age who are visually impaired, as well as students with CVI and other disabilities. Three commercially available stands allow users to attach the LED Mini to a wheelchair, gait trainer, or other mobility device. Individual items from the Light Box Materials Levels I, II, and III can be used with it. An optional carrying case is available. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness, improve contrast and visibility, and introduce color matching.

**1-08654-00** \$259.00

# Visual Efficiency and Low Vision

## Mini-Lite Box Overlays

Used for instruction or assessment in color and shape identification and counting, parents and teachers can individualize their lesson(s) by adding layers of Mini-Lite Box overlays according to each student's level of visual complexity.

1-08659-00 \$109.00

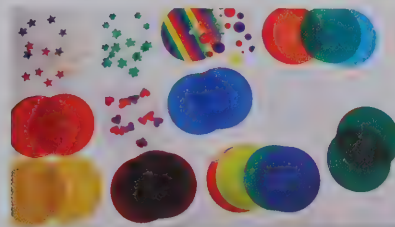
## Spinner Overlays

### for the Light Box

Designed to meet the needs of learners with CVI or low vision, Spinner Overlays can be adapted and layered for many purposes. They use light, movement and increasing levels of complexity and may be customized by creating patterns with the included pre-cut stickers, or with commercially available stickers.

**Warning:** Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision. Seizure Hazard—Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

1-08692-00 \$311.00



## Get Creative, Enter APH InSights! APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed **exclusively for blind and visually impaired artists of all ages**. Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.



To enter, contact the Special Programs Manager, [insights@aph.org](mailto:insights@aph.org)

APH has created a calendar featuring artwork from APH InSights, see page 184.



# Visual Efficiency and Low Vision

## Light Box Materials and Activity Guides

Light Box Activity Guides have sections on CVI, references to products, and increased accessibility. Guides are available in English and Spanish. Activity Guides for all three levels may include a number of Activity Sheets.

**Note:** Most Light Box Materials in all levels can be used with the Mini-Lite Box.



### Level I

Materials help teach basic visual skills, eye-hand coordination, and simple matching skills.

Recommended ages: Birth to 4 years.

1-08670-00 \$438.00



### Level II

Helps teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills.

Recommended ages: 3 to 5 years.

1-08680-00 \$854.00



### Level III

Help students develop: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships.

Recommended ages: 4 to 6 years.

1-08690-00 \$979.00

## Dycem **N**

The Dycem is a translucent mat that adheres to the Light Box or Mini-Lite Box ledge, enabling light box materials to stick to the surface of the Dycem when viewing at an angle.

**Dycem:**

**Mini-Lite Box**

1-08658-00 \$12.00

**Light Box**

1-08694-00 \$17.00

## Ledge Set **N**

The Light Box and Mini-Lite Box ledges slide into place and help support bulkier light box materials (Swirly Mats, Bright Shapes Knob Puzzles, etc.) when a learner uses/views them at an angle. Set includes Dycem mat.

**Ledge Set:**

**Mini-Lite Box**

1-08657-00 \$35.00

**Light Box**

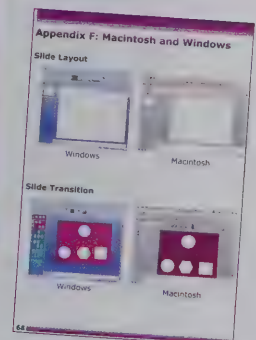
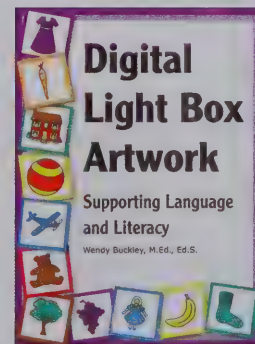
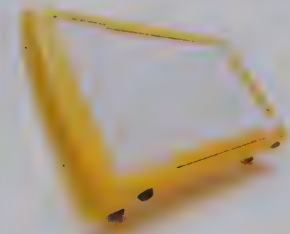
1-08693-00 \$42.00

## Digital Light Box Artwork **CVI**

Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

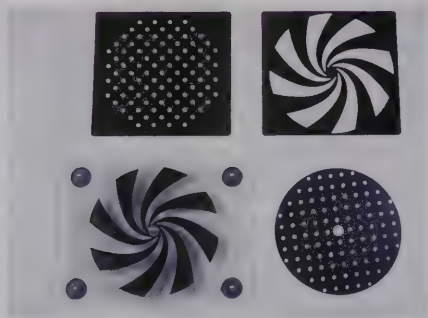
APH has digitized the individual art pieces from the APH Light Box Materials for use on your computer! The large print instruction guide teaches how to create activities. The artwork can be used with many commercially available authoring programs. Artwork files are in .png format. Includes a large print guidebook with a flash drive.

1-08691-00 \$40.00





# Visual Efficiency and Low Vision



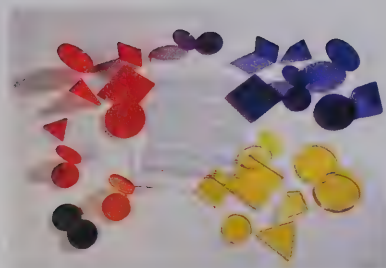
## Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.

### Plexiglass Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

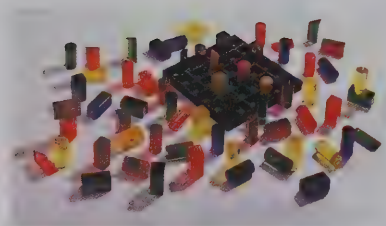
**1-08664-00** \$88.00



### Plexiglas Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

**1-08663-00** \$43.00



### Pegs and Pegboard

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

**1-08665-00** \$179.00



### Familiar Object Pictures

Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

**1-08666-00** \$82.00

### Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

**1-08667-00** \$54.00

## Swirly Mat Sets



Durable, non-toxic Swirly Mats come in two sets: CVI and Functional Vision Assessment (FVA). The mats in the CVI set are less complex. The mats in the FVA set are more complex. Both mats can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) for a different effect. Each set includes white background mat, print and braille instructions, and a plastic carrying case.

CVI	FVA
1-08153-00 \$61.00	1-08154-00 \$55.00

**\*Note:** Always provide adult supervision when using Swirly Mats/Swirly Mats II with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.

## Swirly Mats II



Swirly Mats II CVI™ have added elements for more complexity; Swirly Mats II FVA™ have added elements and different color choices. Try them on one of the durable tabletop mats included in the kits.

**\*See note of caution at the above.**

CVI	FVA
1-08158-00 \$84.00	1-08159-00 \$86.00

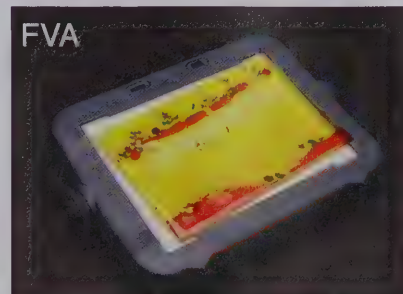
## CVI Complexity Sequences Kit



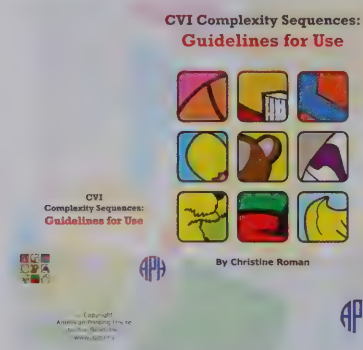
Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Recommended grades: Preschool and up.

1-08156-00 \$62.00



Mini-Lite Box sold separately.





# Visual Efficiency and Low Vision



## CVI Complexity Sequences eBook and Interactive Cards

CVI Complexity Sequences eBook and Interactive Cards have the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

In addition to iPads, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer.

Recommended grades: Preschool and up.

**Note:** This publication cannot be ordered directly using the APH Shopping Site, please contact our customer service department on how to purchase. For more information about epub files, see page 193.

**Quota or Non-Quota**  
**D-03610-ED \$9.95**

**Non-Quota Available from**  
**iTunes or iBooks**  
**D-03610-ED \$9.95**



**Note:** Tic-Tac-Toe Accessory kit and Invisiboard sold separately.

## Invisiboard

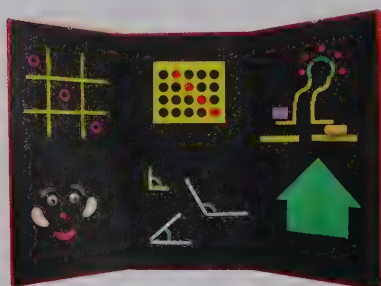
Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, hook-and-loop material on the other. Includes carrying case and print/braille manual.

**1-08541-00 \$152.00**

## Tri-Fold Board

This board measures 37 x 24 inches and is covered with hook-and-loop material that can be used in combination with many existing APH hook-and-loop material-backed pieces, as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

**1-08859-00 \$66.00**



**Note:** Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

## APH Software for Windows System Requirements

Requirements to run: PC running Windows® 7 or later. Software requires a sound card, speakers, and CD-ROM drive.

### Armadillo Army™

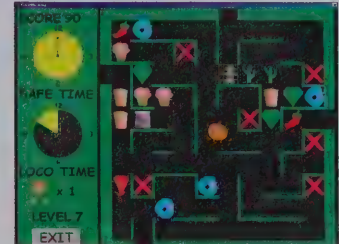
The game has bright, large graphics, as well as meaningful sound elements. Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination.

**CD-ROM**

**D-03400-00 \$49.00**

**Digital Download**

**D-03400-ED \$39.00**



### Termite Torpedo™

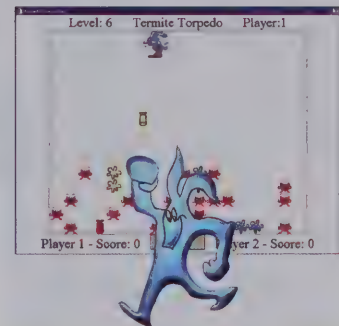
An educational game that gives students with low-vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

**CD-ROM**

**D-03470-00 \$39.00**

**Digital Download**

**D-03470-ED \$39.00**



### Toodle Tiles: Emmy's Town™

Based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets

**CD-ROM**

**D-00300-00 \$49.00**

**Digital Download**

**D-00300-ED \$39.00**



I had good success transitioning a student from a large CCTV to a MATT.  
The student liked it as it's closer to what other students are using (tablets).





# Orientation and Mobility Section Index



Crossings With No Traffic Control .....	143
Denver the Guide Dog Video.....	146
Echolocation and FlashSonar .....	143
Miniguide US .....	145
Nearby Explorer.....	144
<b>O&amp;M</b>	
Family Booklet Software .....	146
Trivia (Alexa Skill and Google Action) .....	145
Tactile Graphics.....	146
For Wheelchair Users w/Vi .....	147
Picture Maker .....	148
Step-by-Step .....	147
Tactile Town .....	144
Teaching Street Crossing .....	143

## Orientation and Mobility Related Products

Calendar Kits .....	106
---------------------	-----

DRAFTSMAN Tactile Drawing Board .....	104
Fine Motor Development Materials .....	34
Geometric Forms.....	61
Moving Ahead Series.....	32
Portable Sound Source .....	88
Reach & Match .....	25
Reclaiming Independence Video.....	165
Sensory Cylinder Set.....	38
Small, Medium, and Large Circles Sets .....	38
Sound Matching Board I & II .....	37
Sunu Band.....	162
Tactile Treasures .....	35
Textured Pegs .....	36
Textured Sorting Circles and Shapes .....	59
Touch and Tell .....	111
Touch 'em All Baseball.....	172
TREKS: Game of Compass Directions .....	174

## Crossings With No Traffic Control

This software provides simulation experiences and information that help instructors teach students to analyze situations at street crossings where there is no traffic control, including recognizing when they don't have enough warning of approaching vehicles ("Situations of Uncertainty").

**Note:** This software runs only on Microsoft Windows compatible operating systems and devices.

**Important Liability Notice:** APH and author Dona Sauerburger, COMS, offer O&M Specialists with this product to help students learn the concepts and skills necessary to analyze and negotiate crossings that have no traffic control. Before using this product with students, instructors must read the first section in Chapter One: How to Use this Product.

1-18988-00 \$62.00

## Teaching Street Crossing to Students With Visual Impairments

This book provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

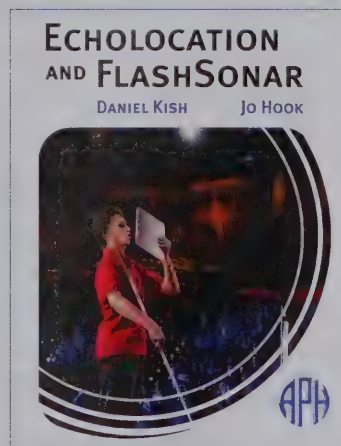
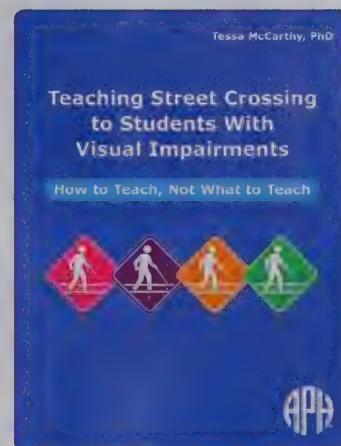
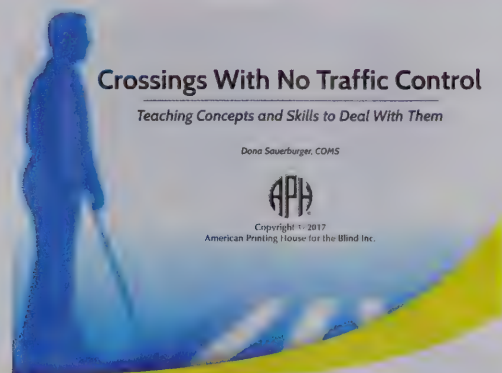
8-75978-00 \$27.00

## Echolocation and FlashSonar

This large print guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

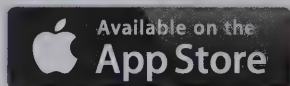
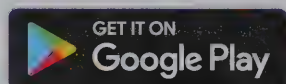
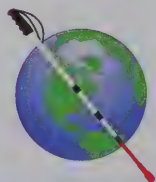
**Warning:** FlashSonar skills should be used along with a human guide, dog guide, or cane.

8-75975-00 \$77.00





# Orientation and Mobility



## Tactile Town: 3-D O&M Kit

Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts. This Kit assists in the development of cognitive mapping skills by helping students organize their physical environment. Has a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts.

Recommended ages: 5 years and up.

1-03135-00 \$479.00

## Nearby Explorer Online

The online version of Nearby Explorer is available to download for free on the Google Play store. It contains no onboard map data, so there are no licensing fees to pay, therefore, it is free to you! While Nearby Explorer Online is potentially very useful as a tool everywhere, the online version does require a device with a network connection to use.

**Note:** Nearby Explorer Online is a “lite” version of the Purchased App. It does not give directions, offer a map view, offer compass mode, or explore nearby intersections.

For complete details about Nearby Explorer Online, visit: Google Play or the App Store.

FREE

## Miniguide US

Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by deafblind persons.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 20 inches to 26 feet.

**Warning:** The Miniguide US should be used along with a human guide, dog guide, and/or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.

**With Print User's Guide**  
1-07006-00 \$545.00

**With Braille User's Guide**  
1-07007-00 \$545.00



## O&M Trivia

Available as an Amazon Alexa Skill or Google Action, O&M Trivia covers a variety of topics including cardinal directions, cane techniques and landmarks. The virtual assistant makes this content accessible in the home, classroom, or on the go!

**Alexa Skill**  
D-03480-AS FREE

**Google Action**  
D-03480-GA FREE



## Important Icon Legend

### **CVI Icon**

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

### **Safety Warnings Icon**

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

### **UEB Icon**

Products with this icon are transcribed in Unified English Braille (UEB).

### **Replacement and Optional Parts Available Icon**

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

### **Downloadable Manuals**

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit <https://sites.aph.org/manuals/> to download a manual.

### **New Product**

### **Revised Product**



# Orientation and Mobility



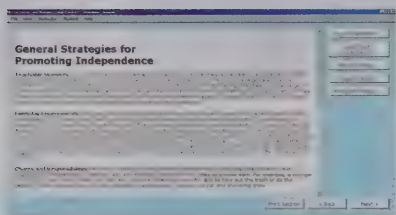
## O&M Tactile Graphics

Helps teach orientation and mobility concepts (compass directions, clock locations, and navigating outside and inside).

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints.

Recommended ages: 8 years and up.

**1-20100-00** \$46.00



## O&M Family Booklet Software

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

**CD-ROM**

**D-03480-00** \$50.00

**Digital Download**

**D-03480-ED** \$50.00



## Denver The Guide Dog Video

Produced by the Discovery Channel cable network for their Animal Planet® Pet series, this video is for anyone who'd like to know more about guide dogs or would just like to meet Denver.

Celebrate with Heathcliff as he's honored after twelve faithful years of service, and meet the new kid on the block – Denver. In this episode see how Denver got his start, “made the cut” at guide dog school, and was matched with Gary. Be amazed as you watch how hard the two of them have worked to become the team they are.

**1-30010-DVD** \$15.00

## Step-By-Step: An Interactive Guide to Mobility Techniques

Developed by Dr. Sandra Rosen, Step-by-Step guides the user in strategies to identify and correct mobility errors commonly made by new learners. Designed for in-depth study, each spiral bound volume describes in words and pictures how to perform mobility techniques for a given learning module; provides strategies for choosing teaching environments; lists prerequisite and related skills; and includes instructional strategies.

**Warning:** Only O&M specialists should teach the 30 techniques included in Long Cane Techniques, Street Crossing Techniques, Special Environments, and Transportation Techniques modules; however, teachers of students with visual impairments, vision rehabilitation therapists, and other professionals, family members, and friends may wish to learn, as appropriate, some of the 23 techniques included in Human Guide Techniques, Non-Cane Techniques, and Special Techniques modules.

**8-75980-00** \$299.00

## Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. Needs an internet connection, works on Windows and Mac operating systems, and iOS devices.

**Note:** This online publication cannot be ordered directly using the APH Shopping Site. Please contact the APH Customer Service Department. This publication IS available with Quota funds.

**D-03490-ED** \$4.99



One of over 190 video clips: Boarding a train when using a scooter



# Orientation and Mobility

## Picture Maker

These picture-making kits can be used for numerous educational and recreational activities! Use optional products for more possibilities.



## Wheatley Tactile Diagramming Kit

This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of hook-and-loop material-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra hook-and-loop material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

**1-08838-00 \$159.00**

## Textured Strips

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

**1-08838-02 \$83.00**

## Storage Panel

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black Veltex® material, 3-hole punched edge, and customer-applied hook-and-loop material tabs.

**1-08838-03 \$20.00**

## Geometric Textured Shapes

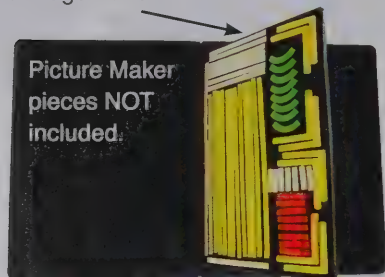
Provides additional hook-and-loop material-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Hook-and-Loop Material/Dry Erase).

**1-08838-01 \$69.00**



Picture Maker felt board NOT included with Textured Strips.

Storage Panel



Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.

# Access Technology

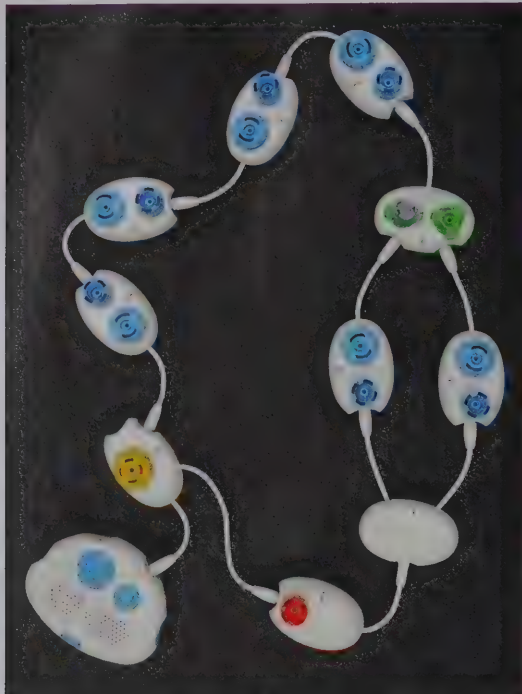


Book Wizard Software .....	157
Braille Badges .....	152
BrailleBlaster .....	154
Braille Trail Reader LE.....	154
Code Jumper <b>N</b> .....	150
Digital Talking Book Cartridge .....	156
Flip-Over FACES.....	152
Headphones .....	157
JAWS and ZoomText.....	155
Jupiter Portable Magnifier .....	154
Math Flash.....	153
MATT Connect.....	153
Orbit Reader 20.....	156
Snap Circuits Jr. Access .....	153
TactPlus Printer and Paper <b>N</b> .....	151
USB Charger, 2 AMP.....	152
Visual Brailier.....	156

## Access Technology Related Products

APH Sound Balls .....	87
Color Star .....	164
Colorino Talking Color Identifier.....	162
Draw2Measure Protractor .....	54
IntelliTactiles Pre-Braille Concepts .....	105
Learn Keys: Verbal Keyboard Feedback.....	108
Miniguide US .....	145
Money Talks Software .....	166
Nearby Explorer.....	144
Portable Sound Source .....	88
Practice2Master Fractions.....	53
Slapstack Math .....	54
SMART Brailier .....	119
Studio Recorder Software .....	181
Sunu Band.....	162
Talking GlowDice.....	172
Talking Products (various) .....	162
Talking Typer .....	107
Video Mag HD .....	133





## Code Jumper **N**

Jump-start students' interest in computer science with Code Jumper™! Originally designed by Microsoft and developed by APH, this fun and engaging product takes block coding off the screen and puts it on the table in front of you, making it accessible to all students. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, music, and even crack jokes.

- Code Jumper makes coding immediately accessible for children who are blind or visually impaired and who also have no prior computing experience.
- Code Jumper is an intuitive system designed to be inclusive, enabling all students to work together and build confidence through socialization, cooperation, critical thinking, and hands-on learning.
- Code Jumper teaches underlying skills that can empower the next generation to pursue meaningful careers in computer science.
- Any teacher can facilitate Code Jumper lesson plans without prior computer science experience! A full library of curricula for coding, including teacher guidance and student activities is included at **codejumper.com**.

### Curriculum

Code Jumper comes with 19 lessons that cover a variety of topics from basic concepts like Sequences and Loops to more complex topics like Counters and Variables. Each lesson includes resources for teachers, student activities, and tutorial videos. The best part is you don't need a background in coding our computer science to teach Code Jumper. Everything you need to know to teach your students is included.

<https://codejumper.com/lessons.html>

**1-02700-00**

Quota \$795.00

Non-Quota \$999.00



Watching a student use Code Jumper for the first time is an amazing experience. They just want to dig in from the second they lay hands on it, and you can see those little wheels turning in their mind.



Robin, Code Jumper Curriculum Author and TVI, Issaquah, WA

American Printing House

## TactPlus Printer **N** INNOVATIONS

TactPlus is the perfect tactile printing solution for the office, classroom, or at home. The TactPlus Printer offers a revolutionary design driven by thermal printing. This ground-breaking technology enables 3-D images to be printed from a single device at a price that's more affordable than ever before!

- Learn through touch: Emboss high-resolution graphics of virtually any image.
- The small and lightweight design, less than 3 pounds, makes it easy to print on the go.
- Print silently (less than 50 decibels of sound output).
- Usability is enhanced with voice guidance.
- USB, Wireless, and LAN interface

**Note:** TactPlus Printer and other products on the APH Innovations line are not available for purchase with quota funds. This product requires special handling. It cannot be directly ordered online. Please, call us at 1-800-223-1839 to initiate an order. Custom TactPlus Printer Paper available separately (1-08061-00).

Non-Quota

Printer	Printer and Paper Bundle
1-08060-00 \$TBA + shipping	108062-00 \$TBA + shipping

## TactPlus Printer Paper **N**

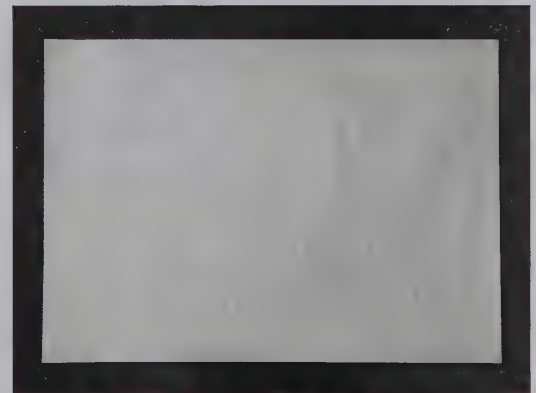
Similar to swell paper, this fine, thermal, foamed capsule paper is heated by the TactPlus Printer, printing braille and graphics in one easy step.

- Measures just under 8.5 x 11 standard copy paper
- 1,000 sheets/pack

**Note:** Not available with quota funds. This product requires special handling. It cannot be directly ordered online. Please, call us at 1-800-223-1839 to initiate an order.

Non-Quota

1-08061-00 \$TBA + shipping







## USB Charger, 2 Amp

This handy USB wall charger may be used to charge several APH products. Power output is 2 amps. Accepts a Standard A USB plug. This unit also charges many commercial devices that recharge via USB cable.

**1-03966-00 \$32.00**

## Flip-Over FACES

This app enables a child to casually explore facial expressions within a fun and versatile context. The interactive Flip-Over FACES App is specially designed for students with low vision and a cognitive level of five years of age or older. Students with additional disabilities, such as autism and language delays, may also benefit from this app. Easy-to-access how-to instructions, with or without VoiceOver/TalkBack, are available.

Download the Flip-Over FACES App for iOS at: <https://itunes.apple.com/us/app/flip-over-faces/id1303703530> or for Android at <https://play.google.com/store/apps/details?id=org.aph.flipOverFaces>.

**Android**  
**D-30050-AN FREE**

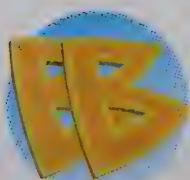
**iOS**  
**D-30050-AP FREE**

## Braille Badges <sup>UEB</sup>

APH Braille Badges are for iMessage®! This fun, accessible sticker pack is great for sharing.

Available from the App Store: [itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8](https://itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8)

**FREE**



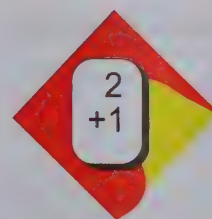
## Math Flash

Based on the popular Math Flash™ software that combines math flash cards with fun audio feedback and a snarky personality. When triggered, Math Flash will allow students to practice math facts on compatible devices. You may choose from three difficulty levels and select which math operations you would like to focus on (addition, subtraction, multiplication, or division).

Recommended ages: All.

**Alexa Skill**  
**D-19910-AS**  
FREE

**Google Action**  
**D-30028-AP**  
FREE



## Snap Circuits Jr.

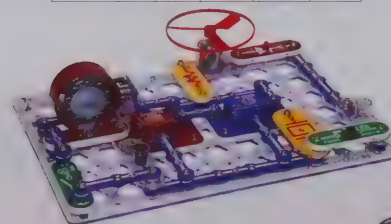
An entry-level product for learning about circuits, current, resistance, switches, motors, and other basic electronics concepts. Sold in stores, it is widely used in classrooms because the parts are durable, colorful, and easy to assemble into projects that light up, make sounds, and more. The Snap Circuits® Jr. Access Kit, which is sold exclusively through APH, includes the commercial product and makes it accessible to blind and visually impaired users by providing parts labeled in braille, along with written project instructions in braille and large print.

Developed by APH with generous cooperation and contributions from Elenco®, makers of a wide variety of learning kits. Please visit [www.elenco.com](http://www.elenco.com) for information about their products and services.

Recommended ages: 8 years and up.

**Access Kit**  
**1-03041-00** \$129.00

**Access Pack**  
(labels and instructions only)  
**1-03042-00** \$73.00



## MATT Connect

The MATT Connect™ is a magnifier, distance viewer, and an educational tablet with pre-loaded software – all in one device!

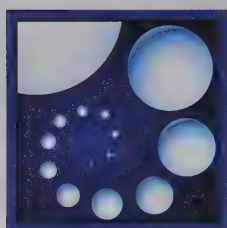
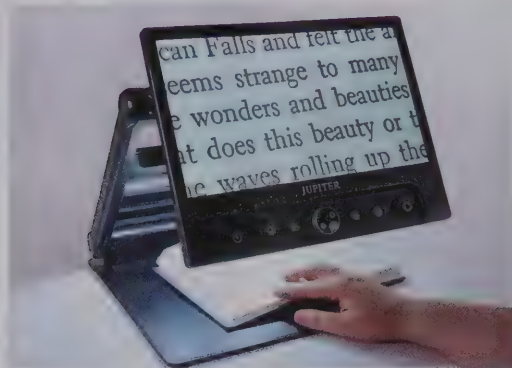
Students can magnify a print document or read a book from an online library and have the ability to conduct internet research, view a distant or connected smartboard, while writing and emailing assignments. The 12-inch HD touchscreen is lightweight, sturdy, and extremely portable with removable stand.

The MATT Connect is available with Quota funds.

**1-03941-00** \$2,995.00 + shipping







## Jupiter Portable Magnifier

Whether it's in the classroom, workplace, or at home - this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. This easy-to-use, yet powerful magnifier features reading, distance, and self-view modes with over 30 contrasting colors, an LED screen, and much more!

Jupiter is available with Quota funds.

**1-00370-00** \$3,200.00 + shipping

## BrailleBlaster

BrailleBlaster™ software is a revolutionary new tool for braille transcribers and others who need to produce high-quality braille material. It takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) and EPUB files to automate basic translation and formatting, and to make advanced tasks quicker and easier. Designed primarily for editing braille textbooks that meet the specifications published by BANA, the purpose of BrailleBlaster is to help braille producers ensure that students have the necessary textbooks on the first day of class.

Download from: [www.brailleblaster.org](http://www.brailleblaster.org)

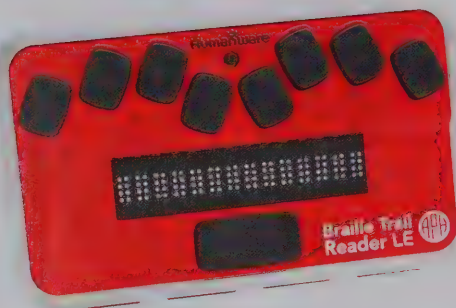
FREE

## Braille Trail Reader LE

Start your students' braille journey with a positive technology experience that allows them to discover the joys of reading and writing. The Braille Trail Reader LE is a customized, limited edition version of HumanWare's Brailiant™ BI14 braille display, developed exclusively for teachers and students. The proprietary Braille Trail Reader File Transfer Windows® App enables teachers to easily read and transfer files to and from their students' Reader. Students can take notes, and create, edit, and read text and braille files, enhancing the classroom experience.

Visit [braillebug.org](http://braillebug.org) for additional resources, including more information about braille literacy, and engaging and inclusive student activities, and to order a complementary classroom kit.

**1-07421-00** \$995.00 + shipping



## JAWS and ZoomText Annual Student License

APH and Vispero partnered to make the world's most popular screen reader (JAWS®) and screen magnifier (ZoomText®) software available to APH customers at lower prices!

Using the new Software License Portal, teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows® 7, 8, and 10.

### JAWS (Job Access with Speech)

For only \$90 per annual subscription, students who are blind and visually impaired can easily navigate, read and write documents, and create presentations from their school PC or from home. JAWS provides speech and braille output for the most popular computer applications.

**D-11002-ED \$90.00**

### ZoomText

For only \$80 per annual subscription, students with low vision can enlarge and enhance everything on their computer screen. ZoomText also echoes your typing and essential program activity, and automatically reads documents, web pages, and email.

**D-11003-ED \$80.00**

**JAWS®**  
SCREEN READER

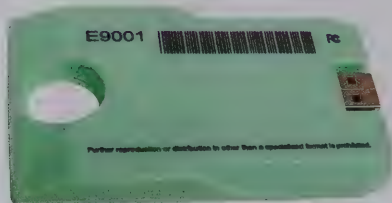
**ZoomText**  
MAGNIFIER WITH SPEECH



The camera is so easy to move and find where she needs to navigate in a book or a paper rather than having to move the paper or the book around to try to find the camera.







## Digital Talking Book Cartridge

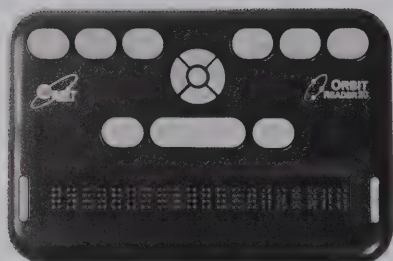
This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players and the APH Joy Player. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books. Connect the Joy Player's USB cable (included) to download WAV and MP3 files.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label.

For more information about NLS digital talking books, <http://www.loc.gov/nls/digital.html>

Non-Quota

1-02609-00 \$13.00

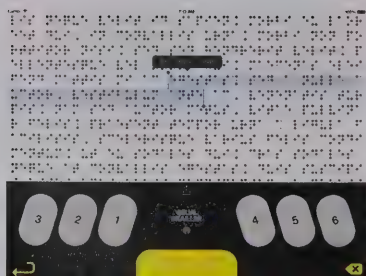


## Orbit Reader 20

The Orbit Reader 20™ unit combines simplicity, functionality, and connectivity in a refreshable braille display priced at a fraction of the cost of similar devices!

The Orbit Reader 20 is simple to use and allows switching between the different functions seamlessly. Its stand-alone capabilities include reading, writing, and file management. Orbit Reader 20 starts as a reader displaying the content of files stored on the SD™ card. For more advanced users, Orbit Reader 20 provides searching, bookmarking, and note taking capabilities. Carrying case available from Orbit Research: [www.orbitresearch.com/or20](http://www.orbitresearch.com/or20)

1-07419-00 \$699.00 + shipping



## Visual Brailer (for iPad)

Visual Brailer™ is a brailewriter app for your iPad®. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work. Visual Brailer supports any code you wish to use, because it makes no assumptions about what you are writing.

Visual Brailer also works with Bluetooth refreshable braille displays with keyboards.

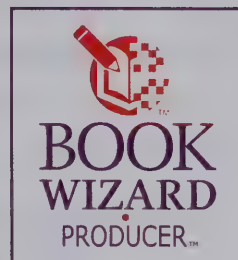
Search on The App Store to download.

FREE

## Book Wizard Reader and Producer Software

Book Wizard Reader™ lets you read a wide variety of types of digital talking books.

Book Wizard Producer™ has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.



### Book Wizard Reader

#### CD-ROM

D-03531-00 \$49.00

#### Digital Download

D-03531-ED \$39.00

### Book Wizard Producer

#### CD-ROM

D-03530-00 \$200.00

#### Digital Download

D-03530-ED \$200.00

## Headphones

Compatible with APH technology products. A stereo to mono adapter plug is required to use these headphones with older monaural players. Both have 3.5mm plugs.

### Private Phones

1-07088-00 \$21.00

### Stereo Headphones

1-18986-01 \$14.50



Both include volume control.



The Braille Trail Reader LE gives children an affordable option to be able to take and have braille anywhere they go. It seamlessly connects to devices such as iPhones, Androids, and computers, allowing children to have instant access to read things and push forward literacy and knowledge. Touch sensitive cursor routing keys which allow for fast editing in documents, a Windows app where a teacher can drop files for a student to read, and an iOS and Android app to sink up notes to students' devices are all great features of the Braille Trail Reader.





# Career Education and Transition Section Index

ECC Icon Poster .....	158
Transition Tote System .....	159
Transition Tote System Backpack .....	159
Quick & Easy ECC Hatlen Center Guide.....	159

## APH Products Related to Career Education and Transition

Going Places: Transition Guidelines .....	88
---	----

JAWS and ZoomText.....	155
Money Handling and Budgeting .....	166
Money Talks Software .....	166
PATTER.....	25
Reach for the Stars, Planning for the Future .....	23
Talking Typewriter .....	107

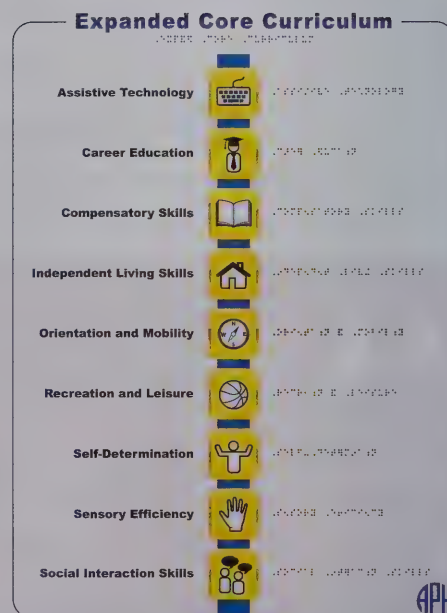
## ECC Icon Poster

The ECC Icon Poster is a wall-sized print/tactile poster that lists the Expanded Core Curriculum skills important for the specialized instruction of students who are blind and visually impaired. Each skill area is represented with a tactile/print icon and print/braille description.

The poster is complemented by a separate 2-page large print flyer (with a separate braille version) that provides a very detailed description of each ECC skill area. The content of this flyer was reprinted, with minor modifications, with permission from the Texas School for the Blind and Visually Impaired.

The ECC Icon Poster measures 18 1/2 x 22 1/2 inches and has a die-cut hole for convenient hanging in a classroom setting.

**1-08205-00 \$64.00**



## Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide

Designed for transition students who are visually impaired. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.

**Note:** The entire binder contents are only available as a braille ready format (.brf) file.

**1-08204-00** \$48.00

## Transition Tote System

### “Navigating the Rapids of Life”

Transition Tote materials teach middle school, secondary, and transition students with visual impairments essential skills for learning about themselves and the world of work. In addition to seven new lessons and the custom designed backpack, this kit includes updated descriptions of technology, revised resource and reference materials, and an updated Facilitator's Guide.

**1-08210-00** \$277.00

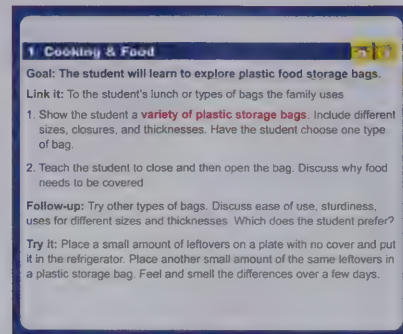
## Transition Tote System Backpack

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition and vision rehabilitation programs, and into the adult world.

### Features

- Key ring attached by hook-and-loop fastener
- 3 pen/marker/stylus holders
- Slate/magnifier pocket
- Zippered change pocket
- Cell phone/PDA pocket with hook-and-loop closure
- Back padded compartment with adjustable hook and loop strap protects a laptop or similar device
- Back panel with pockets for storing media
- Front panel with 3 padded pockets electronic items

**1-08211-00** \$72.00



ECC lesson card





# Self-Determination Section Index



Getting to Know You ..... 160

## Self-Determination Related Products

Going Places ..... 88

Loving Me ..... 181

PATTER..... 25

Quick & Easy ECC ..... 159

Reach for the Stars ..... 23

Reclaiming Independence..... 165

Sensory Learning Kit..... 34

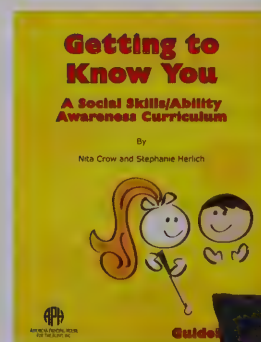
Teen Scene: Portraits of Success Video ... 132

Transition Tote System ..... 159

## Getting To Know You

The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school, and is designed for Vi teachers, O&M specialists, other related service personnel, general education teachers, and families. Lessons take 30–45 minutes to complete. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities.

**1-08052-00 \$299.00**



Kit also includes the APH Innovations Tote Bag



# Daily Living and Social Interaction Section Index



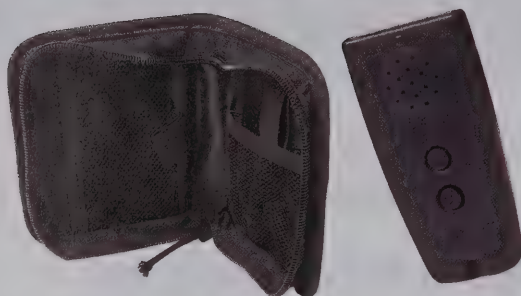
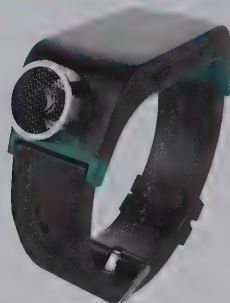
APH Signature Guide .....	168
Braille DateBook .....	165
Color Star .....	164
Colorino Talking Color Identifier.....	162
Deafblind Pocket Communicator.....	164
EZ	
Test Battery Tester .....	166
Track Products .....	167
Functional Skills Assessment .....	163
Keitzer Check Writing Guide .....	164
Labeling, Marking, and Organization.....	168
MagneTachers Magnetic Labels .....	168
MiniBook Braille Quick-Note Products.....	165
Money Handling and Budgeting .....	166
Money Talks Software .....	166
Reclaiming Independence Video.....	165
Push Button Padlock .....	168
Sunu Band.....	162

Tactile Clothing Tape .....	166
Zeitgeist.....	162

## Daily Living and Social Interaction Related Products

Brailleable Labels and Sheet.....	97
Braille Badges .....	152
Braille Folders, Binders, Notebooks .....	121, 123, 125-126
Feel 'n Peel Stickers .....	100-101
Getting to Know You .....	160
MiniGuide US .....	145
Plastic Binder Envelopes for Braille.....	126
PermaBraille .....	122
ReadWrite Stands .....	109
Transition Tote Backpack.....	159
Video Mag HD .....	133





American Printing House

## INNOVATIONS

### Sunu Band®

Used as a supplement to the white cane, the Sunu Band is a modern and sleek, smart mobility wristband that uses navigation sensors and haptic feedback to detect and alert you to obstacles up to 14 ft. away. Controlled by using finger gestures on its touch panel and through the free Sunu App available on iPhone® or Android™ devices; users can also tell time, set vibratory alarms, and track physical activity. Warning: The Sunu Band is not a regulated safety device, and should not be used as a replacement of existing visual aid systems.

Sunu Band and other APH Innovations products are not available for purchase with quota funds.

**1-03140-00 \$299.00**

### Colorino Talking Color Identifier

This simple talking color identifier is a small, hand-held unit that is easy to operate using only two buttons. The Colorino can detect more than 100 nuances of color and be used as a light detector. Uses 2 AAA batteries (included) and comes with a carrying case; cassette, large print, and braille “quick start” instructions; and a one-year warranty.

Non-Quota

**1-03955-00 \$227.00**

### Zeitgeist Talking Time Machine

This hand-held device combines a number of time-related functions and speaks through its speaker or headphones (not included). Fits in pocket or carry around neck on attached lanyard, uses 2 AAA batteries (included). A Spanish edition is also available.

Available with Quota funds.

**English**

**1-03974-00 \$106.00**

**Spanish**

**1-03974-SP \$106.00**

## Functional Skills Assessment

The Functional Skills Assessment (FSA) is a tool used to evaluate daily living skills for students at all levels. Broken into modules, FSA covers a number of skills within four facets of independent living: Clothing, Food, Home, and Self Management. Online scoring pages are available at <https://funcsk.aphtech.org>. Users can unlock the forms using a code published inside the manuals.

Student Assignment files are provided online in both .brf and .docx formats. Assessment Manuals are also provided online as .brf files.

Recommended grades: Grades K–12.

### Clothing

The Clothing Management module covers clothing storage, laundering, sewing, and more.

#### Print Manual

7-08232-01 \$59.00

#### Print Scoring Book

7-08233-00 \$88.00

#### Braille Manual

5-08232-01 FREE Download

### Food

The Food Management Assessment module covers cooking tools and utensils, menu planning, food preparation, and more.

#### Print Manual

7-08232-02 \$87.00

#### Print Scoring Book

7-08234-00 \$96.00

#### Braille Manual

5-08232-02 FREE Download

### Home

The Home Management Assessment module covers organizing surfaces and materials, household chores, home safety practices, and more.

#### Print Manual

7-08232-03 \$48.00

#### Print Scoring Book

7-08235-00 \$67.00

#### Braille Manual

5-08232-03 FREE Download

### Self

The Self Management Assessment module covers grooming, social skills, consumer skills, and more.

#### Print Manual

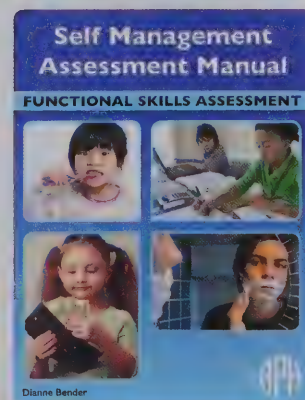
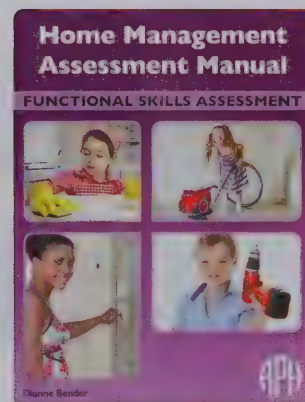
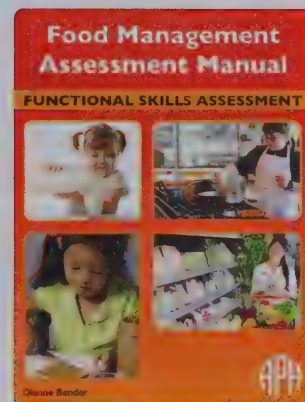
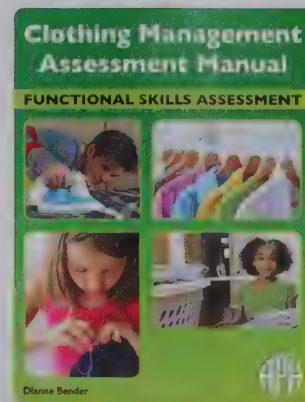
7-08232-04 \$57.00

#### Print Scoring Book

7-08236-00 \$75.00

#### Braille Manual

5-08232-04 FREE Download



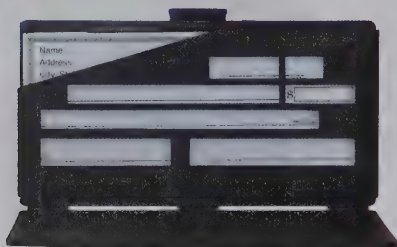




## Color Star

Color Star® is a powerful color identifier. It recognizes more than 1,000 different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns – all with clear spoken voice output.

**1-03952-00** \$449.00



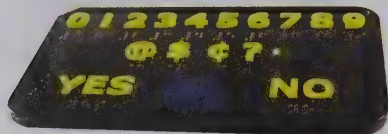
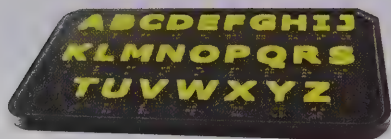
## Keitzer Check Writing Guide

A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

The closed guide measures 3 1/2 x 6 1/4 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

**1-03528-00** \$10.00

**1-03528-VET** Call about our special offer for veterans.



## DeafBlind Pocket Communicator

Durable, washable, and easily fits in your pocket or bag. The breakaway lanyard option gives you quick access. The DeafBlind Pocket Communicator is two-sided. The smooth side for numbers and the matte side for letters lets you know at first touch which side you need to use to chat with someone.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: "How much does this cost?" or "Use my finger to show me the answers on this device." Feel free to design your own communication cards to meet your unique needs.

**1-16999-00** \$57.00

## Minibook Braille Quick-Note Products

Helps braille users jot notes quickly!

- **MiniBook Slate with Styluses:** This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- **Mini Spiral Notebook (2-pk):** The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!

**Minibook Slate  
With Styluses**  
1-07850-00 \$12.00

**Mini Spiral Notebook**  
1-07853-00 \$9.00



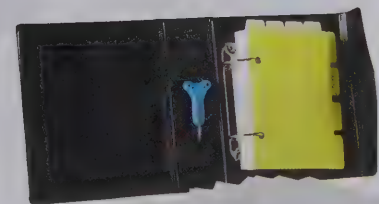
## Braille Datebook

An attractive planner-organizer designed specifically for braille users! Binder with pockets, 250 sheets of paper, tabbed calendar pages, blank tabs, and stylus.

Recommended ages: 11 years and up.

**Datebook**  
1-07899-21 \$TBA

**Calendar Pages Only**  
1-07898-21 \$TBA



## Reclaiming Independence: Staying in The Driver's Seat When You no Longer Drive Video

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver. Includes a narrated version of the Resource Guide. Included Resource Guide is in large print and on CD-ROM. Closed captioned.

1-30020-DVD \$30.00





# Daily Living and Social Interaction



## Tactile Clothing Tape

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

**Warning:** This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

**1-07420-00 \$59.00**

## EZ Test Battery Tester

APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

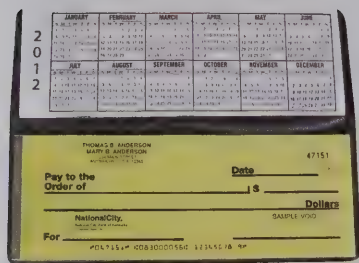
A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

**Audio Feedback**

**1-03968-00 \$62.00**

**Audio/Tactile Feedback**

**1-03969-00 \$78.00**



## Money Handling and Budgeting

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Recommended ages: 11 years and up.

**Print**

**1-83080-00 \$57.00**

**Braille**

**1-83081-00 \$63.00**



## Money Talks™ Software

Accessible and flexible bank account management software that provides printing and braille embossing of the check register, and writing checks in a variety of sizes and styles. Requires a PC running Windows® 7 or later.

**CD-ROM**

**D-03560-00 \$49.00**

**Digital Download**

**D-03560-ED \$39.00**

## EZ Track Products

EZ Track is a multi-faceted line of low vision products to help you get organized...and stay that way! Designed for people with low vision, EZ Track products utilize large print of at least 18 points, easy-to-use binder formatting, and special accessories as aids in organizing important day-to-day activities.

### Calendar: A Low Vision Appointment Book and Calendar

This calendar offers a systematic and organized way keeping track of appointments, holidays, and other events. Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

**With Binder**

**1-07900-21 \$TBA**

**Inserts Only, No Binder**

**1-07901-21 \$TBA**

### Address Book

Large print address book holds 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

**1-07910-00 \$69.00**

### Medical Record Keeper

Large print organizational tool for keeping medical records. Provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records. Printed non-glare paper, with 22-point black type.

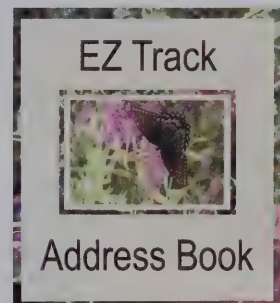
Includes a 3-ring binder, folders, and tab pages.

**1-07930-00 \$109.00**

### Financial Record Keeper

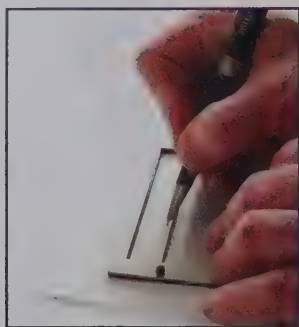
Large print system for keeping track of information about banking, utilities, income, taxes, insurance, mortgages, investments, retirement plans, and much more! Information is stored in tabbed sections. Stored in a 3-ring binder and includes large print Check Register, storage pouch, three storage folders, and a user's guide.

**1-07920-00 \$125.00**





# Daily Living and Social Interaction



## APH Signature Guide

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding.

Recommended ages: 8 years and up.

**1-03530-01** \$10.00



## Push Button Padlock

Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key.

Non-Quota

**1-03990-01** \$22.00



## MagneTachers Magnetic Labels

MagneTachers are magnetic labels that attach to metal objects, are easily removable, and re-attachable! You can create labels in large print and braille. Instructions in print and braille included.

### Large Print Labels

(Two Rolls, one inch high)

**1-07418-00** \$7.50

### Braille/Large Print

Labels (Two Rolls,

1/2 inch high)

**1-07416-01** \$14.00



## Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! It contains practice activities that help you develop new ways to identify items with labels you can no longer read.

Recommended ages: 14 years and up.

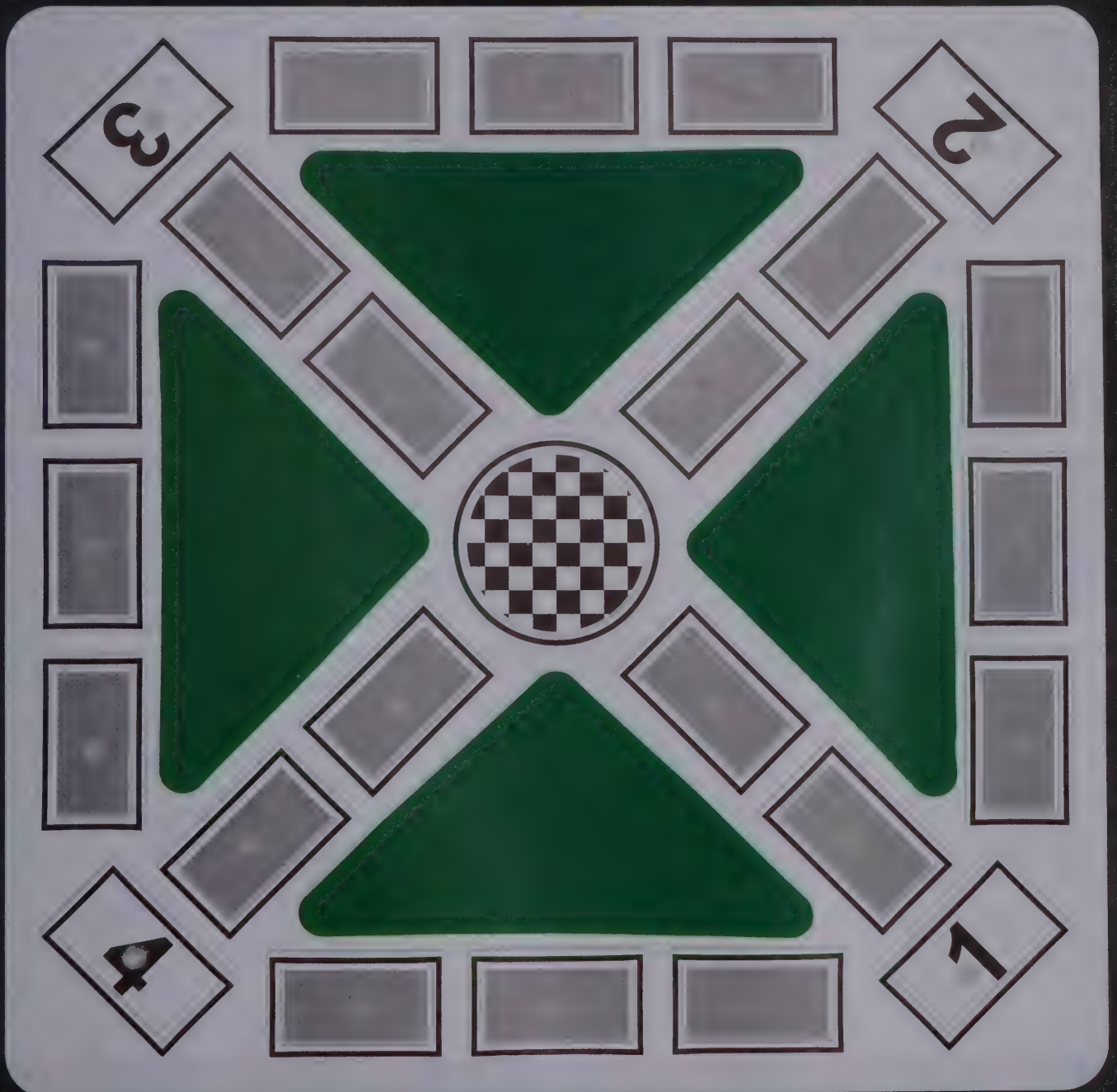
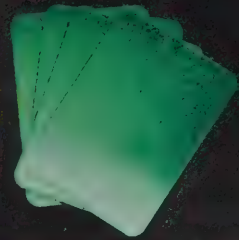
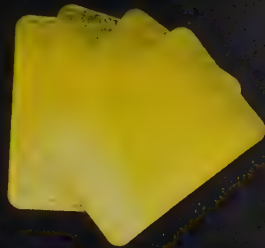
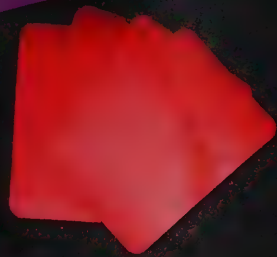
### Large Print With CDs

**7-08870-00** \$69.00

### Braille (3 Vol.) With CDs

**5-08870-00** \$95.00

# Recreation and Leisure Section Index





# Recreation and Leisure Section Index

Color Raceway Kit <b>N</b> .....	171
Crossword .....	173
Game Kit .....	173
Games of Squares .....	175
Hop-A-Dot Mat <b>N</b> .....	171
Scattered Crowns: Tactile Attribute Game .....	172
Score Card Set .....	172
Slide, Twist 'N Solve .....	174
SQUID Tactile Activities Magazine .....	175
Talking GlowDice .....	172
Talking Word Puzzles Software .....	174
Touch 'em All Baseball .....	172
TREKS Game .....	174
Web Chase Board Game .....	173
Wooden Junior Constructo Set .....	173
Word Quest Puzzles .....	173

## Recreation and Leisure Related Products

APH Sound Ball .....	87
Armadillo Army Software .....	141
Braille Badges .....	152
Braille Beads .....	84
Bright Line Reading Guide .....	133
Color-by-Texture Marking Mats .....	83

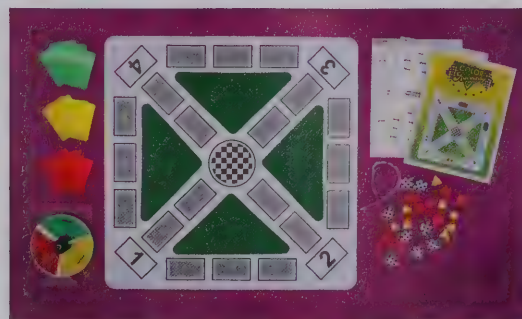
Everybody Plays! .....	87
Flip-Over FACES App .....	152
Games for People with Sensory Impairments .....	87
Going Places .....	88
Gross Motor Development Curriculum .....	88
Joy Player, The .....	34
Jump Rope to Fitness Kit .....	89
Magazine Subscriptions .....	187
Paint-by-Number Safari Series .....	82
Paint Pot Palette .....	84
Picture Maker .....	148
Portable Sound Source .....	88
Quick-Draw Paper .....	105
Reach & Match .....	25
Rib-It-Balls .....	87
SQUID Tactile Activities Magazine .....	175
Slapstack Math .....	54
Sunu Band .....	162
Tactile Tangrams .....	55
Tangle Toy .....	38
30-Love Tennis Kit .....	89
Termite Torpedo Software .....	141
Toodle Tiles Software .....	141
Time for Art .....	83
Walk/Run for Fitness Kit .....	89

## Color Raceway Kit **N**

Color Raceway is an exciting board game, adapted for children who have visual impairments, including those with a CVI diagnosis. Color Raceway utilizes the characteristics of color, movement, and low to high complexity, encouraging players to use their vision in a functional and fun way. Use this game to increase orientation and mobility skills, color awareness, and positive social interaction skills (sharing, taking turns with others) as players navigate the board's track, encountering stop signs and yield signs along the way.

Teachers and parents of young students may use Color Raceway's kit of accessories to design an individual game board for each player, building upon players' individual strengths and assisting parents/teachers in understanding the level of materials with which players are most successful. Sighted peers will want to join the fun also.

**1-08461-00** \$135.00



## Hop-A-Dot Mat **PARTS N**

With Hop-a-Dot Mat, students can learn braille while being physically involved and active - an exciting alternative to routine, sedentary tasks. Hop-a-Dot Mat encourages young braille readers to acquire and demonstrate their knowledge of the braille cell configuration, braille alphabet letters, one-cell contractions, and numbers through movement. This product's related games and activities address many skills and concepts needed by students who are blind and visually impaired including social interaction skills, self-expression and creativity, physical activity, body awareness/coordination, tactile discrimination, and spatial concepts.

**1-08819-00** \$229.00







## Touch 'Em All Baseball

Touch 'em All Baseball is easy to learn. You'll need to be familiar with the basic rules of baseball, but you don't need a lot of expertise to enjoy this game.

The Teacher's Kit (sold separately) provides suggestions for using Touch 'em All Baseball with students, not only to teach about baseball but to develop other skills. This kit includes a set of tactile/print "stick figure" diagrams, and suggested physical activities that correspond to the images.

Recommended ages: 8 years and up.

### Game

1-08101-00 \$244.00

### Teacher's Kit

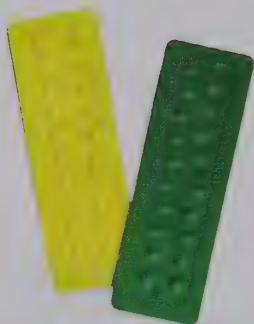
7-08101-00 \$31.00

## Score Card Set

Generic Score Card made of durable plastic. Has twenty buttons in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. Includes one yellow and one green card. Instructions in print and braille.

Recommended ages: All.

1-17001-00 \$28.00



## Talking GlowDice

Push the Roll button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes 4 AAA batteries (not included).

1-07500-00 \$33.00

## Scattered Crowns:

### Tactile Attribute Game

A fun, versatile board game that encourages young children, especially those with visual impairments and blindness, to develop tactile skills. As players search for crowns with specific attributes they will practice texture/shape/size discrimination, tactile memory, systematic searching skills, and spatial concepts. Other concepts include counting, turn-taking, sorting/organizing, and social interaction skills.

Recommended ages: 5 years and up.

1-08462-00 \$281.00



## Game Kit

A collection of common game parts designed for use by players who are visually impaired and blind. Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Use to build social skills or to review school subjects.

Recommended ages: 5 years and up.

**1-08440-00 \$299.00**

## Web Chase

An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes.

Recommended ages: 5 years and up.

**1-08460-00 \$304.00**

## Word Quest Puzzles

This recreational/educational product presents classic find-the-hidden-words-in-the-grid puzzles in a large print format. Two sizes of letters are available to accommodate different users.

**One half Inch Letters**

**8-05101-00 \$5.00**

**One Inch Letters**

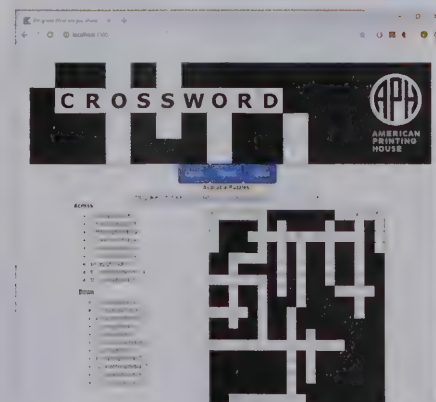
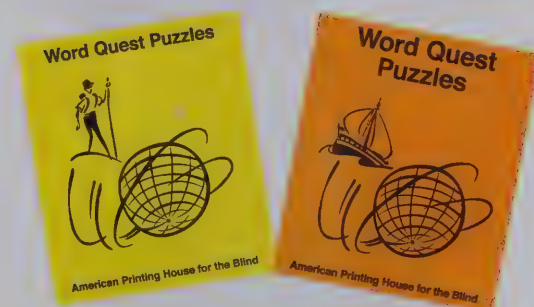
**8-05102-00 \$7.00**

## Crossword

Now individuals who are blind or visually impaired can enjoy solving crossword puzzles on their computer!

Crossword is an accessible, cross-platform web app for solving digital crossword puzzles. This free download is compatible with most browsers and screen readers.

**D-19912-OL FREE**





## Talking Word Puzzles®

### Talking Word Puzzles® Software

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Find detailed software purchasing instructions on page 192.  
Requires Windows® 7 or later.

Recommended ages: All.

**CD-ROM**  
**D-03440-00 \$49.00**

**Digital Download**  
**D-03440-ED \$39.00**



### Slide, Twist 'N Solve: Tactile Brain Teaser

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back!

Recommended ages: 6 years and up.

Non-Quota

**1-03991-00 \$16.00**

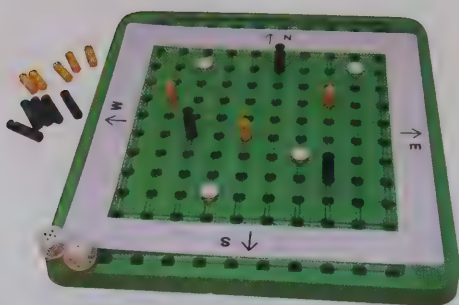
### TREKS: The Game of Compass Directions

The goal of the game is to be the first player to move your pieces across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

The kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: 8 years and up.

**1-08910-00 \$152.00**



## Games of Squares

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by individuals with visual impairments and blindness. Starter ideas and possible adaptations are provided in Beyond X's and O's within the Game Instruction booklet.

Recommended ages: 5 years and up.

1-08430-01 \$278.00



## SQUID Tactile Activities Magazine

SQUID Magazine is deceptively fun: while your student enjoys a variety of activities, he or she will acquire skills needed to become a more proficient tactile reader.

Recommended ages: 5 years and up.

**Note:** Many of the tactile puzzles are reusable and are intended to grow with the child as he or she acquires new skills and tactile understanding.

### Issue 1

1-08862-01 \$73.00

### Issue 2

1-08862-02 \$81.00

### Issue 3

1-08862-03 \$92.00

### Issue 4

1-08862-04 \$86.00

### Issue 5

1-0886205 \$119.00

### Issue 6

1-08862-06 \$81.00

### Issue 7

1-08862-07 \$95.00

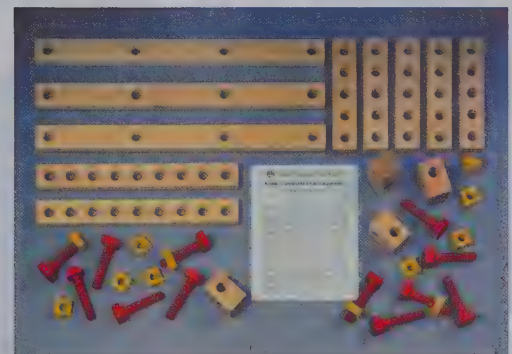


## Wooden Junior Constructo Set

Helps children develop creativity, problem-solving skills, muscular coordination, manual dexterity, and construction concepts. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4 years and up.

1-03690-00 \$199.00





# Video Section Index



APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog. In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides.

Child-Guided Strategies for Assessing  
Children who are Deafblind or Have  
Multiple Disabilities ..... 17  
Denver the Guide Dog..... 146  
Hands-On Experience with the  
Cranmer Abacus ..... 65

Reclaiming Independence: Staying in the  
Driver's Seat When You No Longer Drive... 165  
Teach Me to See ..... 132  
Teen Scene: Portraits of Success ..... 132  
VIPS Video Library Series ..... 41

# Resources for Professionals Section Index



Braille Codebooks, BANA .....	179
Illinois Braille Series <b>R</b> .....	178
Impressor Braille Business Card Embosser .....	182
Loving Me .....	181
Materials Carry-All .....	182
Self-Esteem and Adjusting with Blindness .....	181
Studio Recorder Software .....	181
Teaching the Student with a Visual Impairment .....	181

## Resources for Professionals

### Related Products

APH InSights Art Calendar .....	183
Book Wizard Software .....	157
Brailleable Labels and Sheets .....	97
Braille DateBook .....	165
ENVISION .....	132
EZ Track Products .....	167

Feel 'n Peel Reward Stickers .....	101
Getting to Know You .....	160
Labeling, Marking, and Organization .....	168
Nemeth Code Reference Sheet .....	63
Nemeth Tutorial .....	56
On the Way to Literacy Series .....	27-30
Orion TI-84 Plus Talking Graphing Calculator .....	198
Quick Check .....	108
Student Starter Pack .....	99
Super-Sized Folders .....	126
Teacher's Pet Software .....	20
Textured Paper Collection .....	104
Transition Tote Backpack .....	159
VIPS@Home Parent Empowerment Program .....	42
Video Mag HD .....	133
Visual Brailier .....	156



## Illinois Braille Series **R** UEB

This popular braille course for adults is now produced in Unified English Braille (UEB).

The Illinois Braille Series is a classic program used to teach braille to former print readers. The new editions are embossed in standard-size braille. Both books accommodate the beginner with special formats, including double spacing to aid development of efficient hand movement.

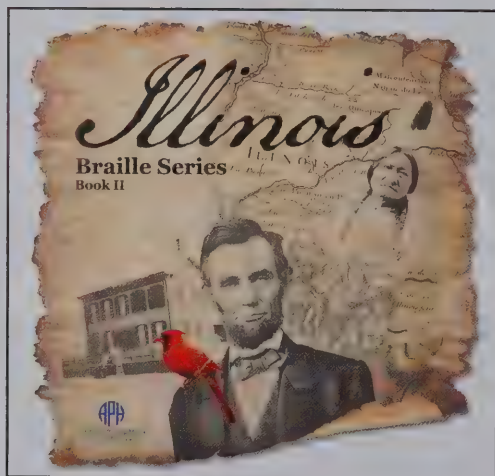
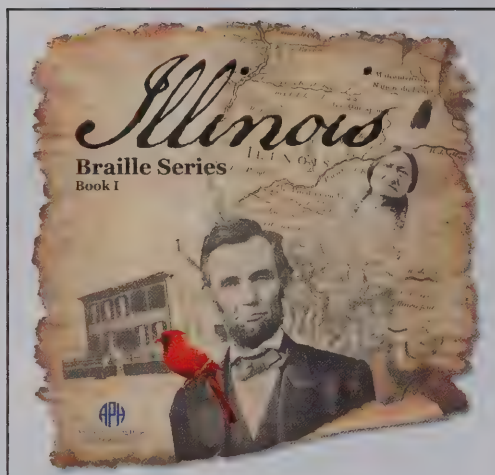
### Format Improvements

**Book I** of the series presents the symbols necessary for reading and writing uncontracted braille, including letters, numbers, and punctuation marks. It uses raised print letters to introduce braille letters and tracking guidelines to assist the new reader. There are practice activities, writing drills, and a variety of interesting reading selections.

**Book II** introduces contracted braille in 25 sequential lessons. Rules, instructions, and study tips are offered in uncontracted braille for access during learning. Each lesson includes explanations, examples, and a writing exercise. Reading selections provide extended practice after each new set of contractions is studied. Because reading properly contracted braille is essential, the book contains a potpourri of enjoyable stories, poems, essays, and articles to suit any interest. Successful completion of Book I is necessary before beginning a study of contracted braille using Book II.

Book I presents the symbols of uncontracted braille in one volume; Book II presents contracted braille in accordance with UEB order in two volumes.

**Note:** Each copy of Book I or Book II, in print or braille, is sold separately.



**Book I**  
**Print**  
7-17230-01 \$19.00  
**Braille**  
5-17230-02 \$39.00

**Book II**  
**Print**  
7-17240-01 \$89.00  
**Braille**  
5-17240-02 \$69.00

## Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing.

### Braille Formats: Principles of Print-To-Braille Transcription, 2016

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included. Available for free download on the BANA website:

[www.brailleauthority.org/formats/formats2016.html](http://www.brailleauthority.org/formats/formats2016.html)

**Braille**

5-09653-00 \$259.00

**Print**

7-09653-00 \$259.00

### Music Braille Code, 2015

Where appropriate, rules and procedures have been adjusted to comply with the adoption of The Rules of UEB and of Braille Formats: Principles of Print-to-Braille Transcription. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the New International Manual of Braille Music Notation.

Available for free download on the BANA website:

[www.brailleauthority.org/music/music.html](http://www.brailleauthority.org/music/music.html)

**Braille**

5-09651-00 \$189.00

**Print**

7-09651-00 \$189.00

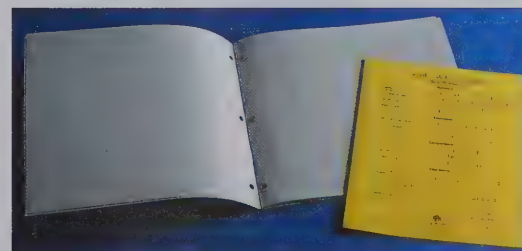
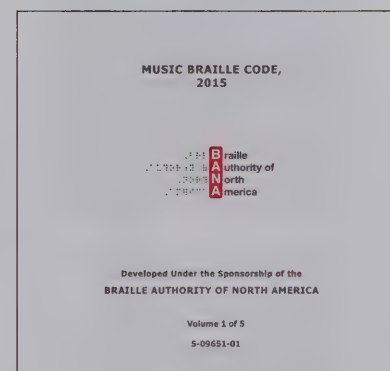
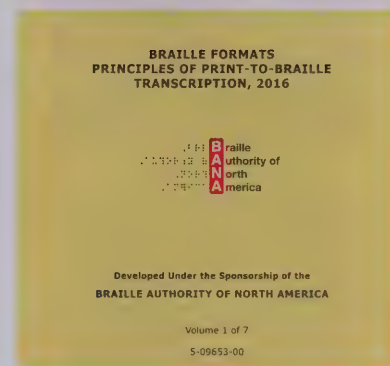
### Nemeth Code for Mathematics and Science Notation, 1972 Revision

**Braille**

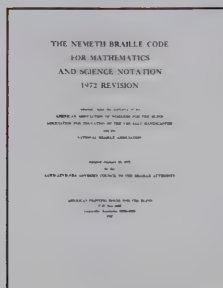
5-87430-00 \$89.00

**Print**

7-87430-00 \$89.00







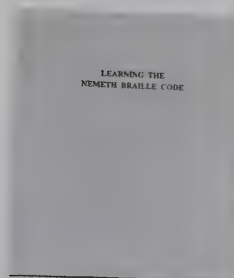
## Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Braille

5-68654-00 \$15.00

Print

7-68654-00 \$15.00



## Learning The Nemeth Braille Code: A Manual for Teachers and Students

Braille

5-68653-00 \$49.00

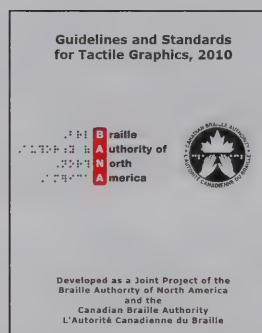
Print

7-68653-00 \$49.00

## Braille Code for Chemical Notation

Braille

5-16900-00 \$79.00



## Guidelines and Standards for Tactile Graphics

Braille

5-35935-00 \$99.00

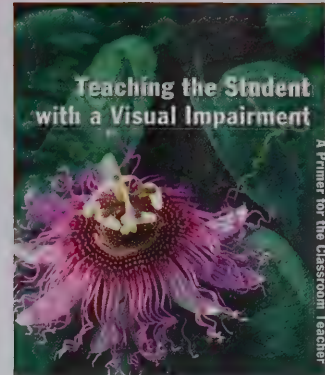
Print

7-35935-00 \$99.00

## Teaching the Student With a Visual Impairment (TSVI): A Primer for the Classroom Teacher

TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision. An extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students is included.

1-08290-00 \$151.00

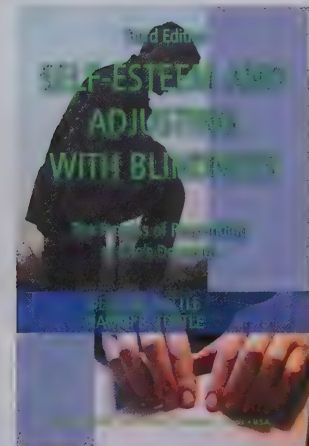


## Self-Esteem and Adjusting to Blindness: The Process of Responding to Life's Demands, 2nd Edition

Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

**Braille**  
5-00500-00 \$178.00

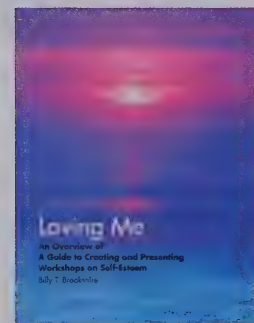
**Print**  
L-96229-00 \$95.50



## Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

7-02500-00 \$278.00



## Studio Recorder Software

A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. Studio Recorder™ contains many features that make recording, editing, and proofreading audio books easy, including features not found in similar programs. Requires Windows® 7 or later.

**CD/ROM**  
D-03600-00 \$200.00

**Digital Download**  
D-03600-ED \$200.00







## The Impressor™ Braille Business Card Embosser

Easily create your own braille business cards! Similar to the stamp used by notary publics, the die which embosses braille on your card is custom-made with your information. Embosses up to four lines, 13 braille cells per line. Call 800-223-1839 to initiate an order.

Non-Quota

**1-03380-00**  
\$217.00

**Impressor Revised**  
**1-03380-01** \$119.00



## Materials Carry-All

This sturdy, lightweight storage/transporting container is great for materials of all types. The side-opening design provides more usable space with better visibility of contents. Measures 10 1/2 x 27 x 16 inches, weighs 4 lbs.

**1-02592-00** \$60.00

## Important Icon Legend

### **CVI Icon**

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

### **Safety Warnings Icon**

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

### **UEB Icon**

Products with this icon are transcribed in Unified English Braille (UEB).

### **Replacement and Optional Parts Available Icon**

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

### **Downloadable Manuals**

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit <https://sites.aph.org/manuals/> to download a manual.

### **New Product**

### **Revised Product**

# Gifts

## January 2021

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
					1 New Year's Day	2
3	4 Louis Braille's Birthday	5	6 ●	7	8	9
10	11	12	13 ●	14	15	16
17	18 Martin Luther King Jr. Day	19	20 ●	21	22	23 APH Founded 1858
24	25	26	27	28 ○	29	30
31						



*Rainbow Warrior*, acrylics on canvas, by Traleya Eley  
A ninth grade student from Southampton High School,  
Courtland, Virginia

## March 2021

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	1	2	3	4	5 ●	6
7	8	9	10	11	12	13 ●
14 DST begins	15	16	17 St. Patrick's Day	18	19	20 Spring Equinox
21 ●	22	23	24	25	26	27 Passover begins at sundown
28 ○	29	30	31			



*Chicken Run*, felting fiber, by Carol Ann Farnsworth  
An independent artist from Ada, Michigan

## APH InSights Art Calendar 2021 UEB

Twelve month large print/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Pages fold over easily.

### Makes a Great Fund-Raiser

Art calendars can be purchased with a minimum order of 50 for fundraising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839.

**Note:** The APH Insights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fundraising purposes MAY NOT be purchased with Quota funds.

5-18971-21 \$8.00

## APH InSights Calendar 2021



Featuring Artwork by Visually Impaired and Blind Artists  
American Printing House for the Blind, Inc.



# Other Services From APH

## Other Services From APH

### Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit **aph.org** or call 1-800-223-1839.

### APH News – Your APH Connection

One of the best ways to learn about new products, services, and resources at APH!

To automatically receive your monthly link to the APH News, send an email to:

To join our mailing list and receive our monthly newsletter and other APH updates, visit our website and click on the Subscribe Now button, or visit: **<https://www.aph.org/contact-us/newsroom/newsletters-survey/>**

### APH Insights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories; media may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter APH InSights, contact the Special Programs Coordinator, Email: **[insights@aph.org](mailto:insights@aph.org)**

### The APH Blog

The APH blog is your go-to source for information about APH products, innovations, accessibility and happenings in the field of blindness. Follow our journey as we work to break down barriers and create a more inclusive world. You'll learn from leaders in the field and also hear stories from a diverse group of peers who will inspire and challenge you. Visit **aph.org** and click on the "Articles" link in the footer menu to start reading.

### APH Social Media

Are you on social media? Follow us to stay up-to-date on everything happening at APH and in the field. From exciting announcements and updates, to tutorials and events.

#### Here's where you can find us

Facebook: **@AmericanPrintingHouse**

Twitter: **@APHfortheBlind**

Instagram: **@americanprintinghouse**

Pinterest: American Printing House

YouTube: APH – American Printing House for the Blind

# Other Services From APH

## Visit Our Museum!

Explore the fascinating educational history of people with vision loss when you visit our award-winning museum. Innovations, inventions, and products that made a difference are on exhibit, from the earliest tactile books to digital technology. Meet the many individuals whose work shaped the history of the American Printing House for the Blind, the largest manufacturer of educational products for people who are blind or visually impaired.

Guided tours of the APH factory are also available and take you behind the scenes where braille and tactile graphics are produced and audio books are recorded. It's FREE!

## Museum Hours (EST)

Monday-Friday 8:30 a.m. to 4:30 p.m.

Saturday 10:00 a.m. to 3:00 p.m.

Closed on holidays and Derby Day

## Factory/Museum Tour Hours

Monday-Thursday

twice daily at 10:00 a.m. and 2:00 p.m.

Advanced reservations are required for groups of 10 or more.

Length of tour: Approximately 1 to 1/2 hours.

For more tour information, contact APH:

502-895-2405 or 1-800-223-1839.

## Need Accessible Materials? APH Will Custom-Make Them for You!

Our state-of-the-art processes and exacting standards allow us to create custom braille, tactile graphics, enlarged print, and audio materials for your clients, customers, shareholders, and employees who are blind and visually impaired.

Please contact APH Contract Administration Dept. for a no-obligation cost estimate on your next project. 800-223-1839 (menu option 1, then menu option 2 for Braille Transcription Services or custom requests) or email: [contracts@aph.org](mailto:contracts@aph.org)





# Other Services From APH

## Finding Tactile Graphics Templates is Easier Than Ever!

APH offers the free Tactile Graphic Image Library database. Teachers, transcribers, students, families, and paraprofessionals are able to register to use the image library to find and download tactile graphics that can be enhanced for your needs. Search the database by category or keyword. Offers 3D images and designs for the Tiger® Embosser, as well as APH's custom embossers, PixBlaster™ and PageBlaster™ - both coming in 2020!

Sign up for FREE to use the database at [imagelibrary.aph.org](http://imagelibrary.aph.org)

## Accessible Tests and Textbooks Department

Accessible Tests and Textbooks, offers a wide range of services. For more detail about any of these services, please visit [aph.org](http://aph.org)

### Tests: Extensive Services Offered

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

### Textbooks: The Accessible Media You Need

APH responds to the textbook needs of students who are blind and visually impaired by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

#### Braille Textbooks, Hard Copy and Digital

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

#### Large Print Textbooks, Hard Copy and Digital

APH Large Print textbooks can also be used on digital reading devices such as iPad®, Kindle®, Book Port™, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

## For Questions About Accessible Tests or Textbooks, Contact

Jane Thompson, Director Accessible Tests and Textbooks Departments, Braille Improvement Department, 502-899-2370 • [jthompson@aph.org](mailto:jthompson@aph.org)

# Other Services From APH

## Magazine Subscriptions

Subscription Magazine	Accessible Format	Annual Fee (optional)
Reader's Digest®	Braille .....	\$174.00
	Cassette Tape (15/16, 4-track) .....	\$18.00
	Digital Flash Cartridge .....	\$33.00
	Digital Download .....	Donation
Newsweek®	Cassette Tape (15/16, 4-track) .....	\$90.00
	Digital Download .....	Donation

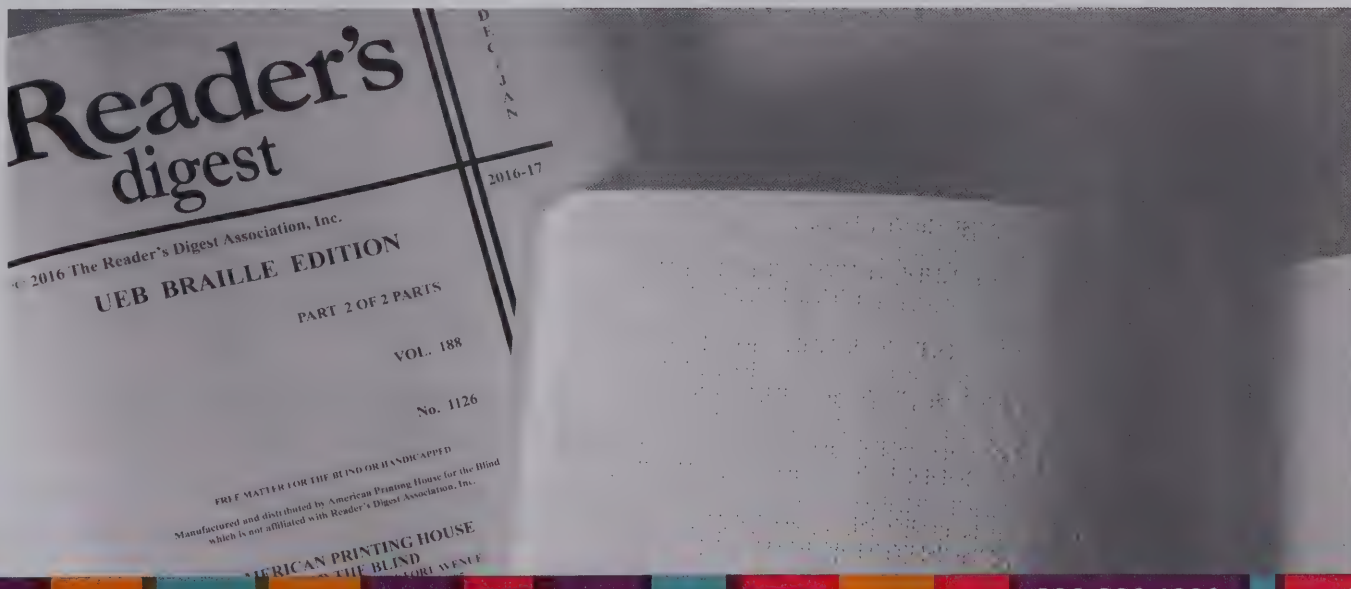
APH provides free Readers Digest or Newsweek in accessible formats for blind and visually impaired people across the country. If you or someone you know would benefit from this free service, please contact Customer Service at 1-800-223-1839 or **magazines@aph.org** Gift subscriptions are available at the above rates. Non-U.S. citizens MUST pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette and Flash Cartridge editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves visually impaired or physically disabled readers.

For more information or to support APH's accessible magazine program, call 1-800-223-1839, ext. 2 or visit **aph.org** and search for development magazines. The American Printing House for the Blind, Inc. is a 501(c)(3) nonprofit organization. Gifts are tax-deductible.

**Note:** Reader's Digest, Large Print Edition is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780 / **www.rd.com**

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.





# Ayuda A Nuestros Clientes En Español

## Ayuda A Nuestros Clientes En Español

Nota para nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente en español por medio de correo electrónico.

podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes.

Usted es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, [cs@aph.org](mailto:cs@aph.org)

## APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL

Boehm-3: Juego de Gráficas Agrandadas (manual y formas de registro),

1-03880-00; 1-03883-00 ..... 3

Juego de Calendario para el Salón de Clases: 1-18973-00 ..... 106

Caja de Luz: Guía de Actividades. Favor de visitar nuestra página web para obtener más información.

Nivel I: 7-08670-SP

Nivel II: 7-08680-SP

Nivel III: 7-08690-SP

Conexiones Táctiles: Libro de Guía. 7-08837-SP ..... 102

Zeitgeist: Máquina del Tiempo. 1-03974-SP ..... 162

# How to Order and Related Information

## How to Order

### Online (U.S. Customers)

- Go to **aph.org** for accessible and secure ordering
- Friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase online using either credit card or federal quota funds

### Email

- Send orders to **po@aph.org**
- We accept federal quota orders (signed by EOT), purchase orders, and orders from individuals via email
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not email your credit card information

### Phone

- Call 1-800-223-1839 or 502-895-2405
- Please have your credit card ready

### Fax

- Fax orders to 502-899-2284
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not fax your credit card information

### Mail

- Mail a federal quota order form (signed by EOT), purchase order, APH order form, or a letter written in print or braille stating desired items and quantities. Please include check, money order, or your contact information for us to obtain credit card payment.
- Please do not mail your credit card information.

American Printing House for the Blind  
1839 Frankfort Ave • Louisville, KY 40206

**Note:** Checks and money orders must be in U.S. dollars. Kentucky residents must include 6% sales tax.



# How to Order and Related Information

## Pro Forma Invoices

- Alternatively, submit a request via email, fax, or mail and include catalog numbers, product names, quantities, and preferred shipping method. We will send you a pro forma invoice showing product prices and shipping costs.
- Please allow 5 business days to be completed

## Shipping Methods

### Shipping within the U.S.

Most items ordered by or for people who are visually impaired will be shipped via Free Matter for the Blind, a free service provided by USPS. Please allow up to 2 weeks shipping time for items sent via Free Matter for the Blind. Customers needing a faster shipping option can contact Customer Service via phone, email, fax, or mail for a freight quote. Customers will be responsible for any upgraded shipping costs.

**Note:** When indicated, select items cannot be shipped via Free Matter and will require paid shipping.

### Shipping Outside of the U.S.

We are unable to offer Free Matter for the Blind Shipping on International orders at this time. The customer is responsible for the shipping cost of all other items requiring paid freight. Please contact Customer Service via phone, email, fax, or mail for a freight estimate. APH recommends shipment by Priority Mail International Airmail, as surface mail is much slower.

All export and/or import duties, brokerage fees, etc. are paid by the customer. Please check with your customs broker to make arrangements in advance.

# How to Order and Related Information

## **Paid Shipping Options within the U.S.**

These timeframes do not include processing time.

### **U.S. Postal Service® Priority Mail**

2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery.

No Sunday or holiday delivery.

### **United Parcel Service® (UPS) Ground**

4–7 day delivery to street addresses only (no P.O. boxes).

No weekend or holiday delivery.

### **UPS 3-Day**

Guaranteed 3-day delivery to street addresses only (no P.O. boxes).

No Saturday, Sunday, or holiday delivery.

### **UPS 2-Day**

Guaranteed 2-day delivery to street addresses only (no P.O. boxes).

No Saturday, Sunday, or holiday delivery.

## **Further Assistance**

**aph.org**

**cs@aph.org**

1-800-223-1839 or 502-895-2405

Fax: 502-899-2284



Shopping online is easier than ever, and accessible too. Visit [www.aph.org](http://www.aph.org) to place your order today.





## Special Instructions

### APH Software for Windows

- Demo versions are available for many of our programs. Please visit **tech.aph.org** to begin a free trial.
- To purchase a program as a digital download please submit an order via **aph.org**, or by email, phone, fax, or mail. Within 24 hours we will email you a key code and directions for download.
- To purchase a CD-ROM please submit an order via **aph.org**, or by email, phone, fax, or mail.

**Note:** Software purchases are not eligible for return.

### Purchasing Multiple Licenses for Talking Typer for Windows Software

When placing your order please specify the exact number of licenses needed as well as the email address to send key codes. Your receipt from the transaction is your authorization to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.

### Apps for iOS Devices

- Submit an order via **aph.org**, or by email, phone, fax, or mail.
- APH will email an Apple Content Code for each license that you order.
- **How to Install** – The end user will install [Math Robot, Talking Typer] with their Apple Content Code by: opening App Store on device> select the “Featured” tab> at the bottom of the “Featured” screen select “Redeem”> enter the password for the device> follow instructions on “Redeem” screen.
- If purchased with Federal Quota funds the EOT is responsible for distributing Apple Content Codes to end users.

# How to Order and Related Information

## eBooks (ePub Files)

After receiving an email from APH and clicking the eBook link:

- from an iOS device or Mac computer the title will open in iBooks
- from an Android device the title will open in Google Books
- on a Windows or Linux operating system you will need to download and install an ePub reader before being able to read this title. We recommend the Radium extension for the Chrome Browser or Adobe Digital Editions\*.

**\*Note:** Adobe Digital Editions does not support the interactive features built into the CVI Complexity Sequences eBook, however it reads the text correctly.

## APH File Repository

The APH File Repository offers various types of electronic files to make your textbook production / acquisition quicker and easier. Current file formats include Braille-ready files, (produced with Duxbury, Braille Blaster, etc.), Large Print files (PDF), and Text files (ASCII, Tagged formats, Word or RTF).

Quota funds may be used to pay the download fee, but Repository files are available by download only; they cannot be ordered over the phone or by mail.

Please contact Resource Services for additional information at 800-223-1839 x705 or [resource@aph.org](mailto:resource@aph.org)

iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Apple, VoiceOver, iPad, iPad mini, iBooks, Mac, and the Apple logo are registered trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. All rights to the Trademarks are the exclusive property of Amazon. Android, Google Places, Google Play, Google Play logo, Google Books, Google Assistant and Chrome are trademarks of Google Inc., Foursquare® is a trademark of Foursquare Labs, Inc. ("Foursquare") in the U.S. and other countries. Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. EPUB is a registered trademark of the IDPF. Radium is a registered trademark of Radium Foundation. Adobe Digital Editions is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. Other trademarks and trade names are those of their respective owners.



## Return Policy

### Defective Merchandise

APH makes every effort to inspect and test merchandise before it leaves our facility. If by chance you receive a defective item, please notify us within 30 days from the date item was shipped. If the item included a one year warranty please notify us within one year from the date item was shipped. We will repair or replace defective items at no cost to you. We reserve the right to choose whether the item will be repaired or replaced. For more information on warranties, please refer to the Warranty section below.

### Other Returns

We gladly accept returns on most APH products (exclusions listed below) for any reason within 60 days of the date the item was shipped, subject to the following conditions:

- Pre-authorization is required for any return. Please call, email, or write us and a Customer Service representative will provide you with a Return Authorization (RA) number and instructions for completing your return.
- Returned items must be undamaged and in resalable condition.

**Note:** The following items may not be returned for any reason other than defects.

- Software (free demos are available at **tech.aph.org**)
- Apps
- eBooks
- Large print, braille, APH Press, or AFB Press books
- Custom orders

**Note:** The following books may not be canceled once production has begun.

- Large print (catalog prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
- Braille (catalog prefixes A-B or T-N)
- APH Press or AFB Press (catalog prefix F-B)

# How to Order and Related Information

## General Repair Policy

If you are experiencing difficulty with an APH product, please call Customer Service at 800-223-1839 and explain the issue you are experiencing. It is possible we can solve your issue over the phone. If your product requires repair, please contact APH Customer Service to obtain a repair Return Authorization number.

APH  
Attn: Repairs Department  
1839 Frankfort Avenue  
Louisville, KY 40206

Be sure to include all product accessories and a note with your contact information and any details regarding what needs to be repaired and/or the issues you are experiencing.

Payment is required for eligible out of warranty products prior to the completion of any repairs.

Accepted forms of payment are as follows:

- Federal quota purchase order, which must be signed by the EOT.
- School or organization purchase order
- Check
- Credit card – If you opt to pay by credit card, note this when you send us your product and we will contact you for credit authorization.

## Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to certain restrictions). Please contact Customer Service to obtain a Return Authorization number and additional instructions for warranty repairs.

## Products Out of Warranty – Flat Rate Fees

The following products carry a flat rate repair fee. Items deemed non-repairable will be returned to you without charge.

**Note:** Discontinued catalog number indicated by (d)

<b>Mini-Lite Box:</b> 1-08661-00 (d)	.....	\$65.00
<b>Light Box:</b> 1-08660-00 (d), 1-08669-00 (d)	.....	\$155.00
<b>Perkins Brailers:</b> 1-00850-00 (d), 1-00860-00 (d), 1-00815-00 (current)	.....	\$150.00
<b>Portable Sound Source:</b> 1-03040-01 (d), 1-03040-02 (d), 1-03045-00	.....	\$50.00
<b>Book Port DT:</b> 1-07200-00 (d)	.....	\$50.00
<b>Book Port Plus:</b> 1-07191-00 (d)	.....	\$50.00
<b>Joy Player:</b> 1-07089-00	.....	\$50.00



# How to Order and Related Information

## Products Out of Warranty – Fee to be Determined for Repair

The following products do not have a set repair fee due to the range of prices for repair parts. Pre-payment of a non-refundable evaluation/handling fee is required. This fee includes the cost of return shipping by UPS.

NB: Discontinued catalog number indicated by (d)

**APH SMART Brailier by Perkins:** 1-00820-00 ..... \$200.00

**Perkins/APH Next Gen Brailier:** 1-00800-00 (d)..... \$200.00

The following products are NOT sent directly to APH for repair. Please contact Customer Service at 800-223-1839 or [cs@aph.org](mailto:cs@aph.org) for special instructions:

**Orion Plus Talking Graphing TI-84 Calculator:** (1-07340-00) ..... \$75.00

**Orion TI-30XS Multiview Talking Scientific Calculator:** (1-07330-00) ..... \$75.00

**Orbit Reader 20:** ..... \$80.00

Contact the Manufacturer directly for **WARRANTY** and **OUT OF WARRANTY** repairs on the following products:

**Braille Trail Reader** (1-07421-00) ..... HumanWare: 1-800-722-3393

**MATT Connect** (1-03941-00) ..... HumanWare: 1-800-722-3393

**Jupiter** (1-00370-00) ..... Freedom Scientific: 727-803-8600

**Sunu Band** (1-03140-00) ..... Sunu: 877-747-9677

**Video Mag HD** (1-03914-00) ..... Freedom Scientific: 1-800-444-4443


## Products That are no Longer Repaired:

**Handi-Cassette II** ..... 1-07085-00 (d)

**Braille Plus 18** ..... 1-07466-00 (d)

**Refreshabrilie 18**  ..... 1-07445-01 (d)

**Orion TI-36 Calculator** .... 1-07335-01 (d)

**VisioBook**  ..... 1-03913-00 (d)

## Repair Warranty

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. **Note:** Extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.

## A

- Abacuses ..... 66
- Accessible
  - Magazines ..... 177, 187
  - Materials, Custom-made ..... 185
  - Multiple Choice Answer Sheets ..... 18
  - Textbooks ..... 186
- Adapted Science Materials Kit ..... 71
- Adapting Science for Students with VI ..... 71
- Addendum 1 to the Nemeth Code ..... 182
- Addition/Subtraction Table ..... 60
- Address Book, EZ Track ..... 167
- Adhesive, Sticky Dots ..... 31

## Advertisements

- APH ConnectCenter ..... 1
- APH Press ..... 7, 196
- Braille Trail Reader LE ..... 154
- InSights Art Competition ..... 135, 184
- Magnifiers and Embossers ..... 197
- Social Media ..... 184
- All Aboard! ..... 45
- All-in-One Boards ..... 93
- Alphabet Scramble ..... 31
- Aluminum Diagramming Foil ..... 104
- Analog Clock Model ..... 67
- AnimalWatch Vi Suite ..... 53
- Answer Sheets, Multiple Choice ..... 18
- Antique Ivory Opaque Paper ..... 124
- Armadillo Army ..... 141
- Art Competition and Exhibition ..... 135, 184
- Art Instruction, Time for Art ..... 83

- Assessment ..... See Test
- Audio Recording, Digital:
  - Studio Recorder Software ..... 181
- Azer's Interactive
  - Periodic Table Study Set ..... 70

## B

- Backpack, Transition Tote System ..... 159
- Ball
  - APH Sound ..... 87
  - Kit, Sound Adapted Tangle ..... 39
  - Rib-It ..... 87
- BANA Braille
  - Transcription Codebooks ..... 179
- Baseball, Touch 'em All ..... 172
- Basic Science Tactile Graphics ..... 74
- Basic Tactile Anatomy Atlas ..... 75
- Beads,
  - Braille ..... 84
  - Giant Textured ..... 35-36
- Beginner's
  - Abacus ..... 66
  - Writing Paper ..... 120
- Best for a Nest, The ..... 23
- Big Cell ..... 110
- Binder
  - Floppy, Braille ..... 126
  - Krebs', 19-Ring ..... 125
- Blog, APH ..... 184
- Board(s)
  - All Aboard! Magnetic/Dry Erase ..... 45
  - All-in-One ..... 93
  - Invisiboard ..... 140
  - Magnetic/Dry Erase, Large ..... 47
  - Shape ..... 37
  - Tri-fold ..... 140



# Index

- Board games
  - Games of Squares ..... 175
  - Scattered Crowns ..... 172
  - TREKS ..... 174
  - Web Chase ..... 173
- Boehm-3 Kits ..... 15
- Bold Line
  - Graph Sheets ..... 124
  - Paper ..... 123-124
- Book
  - Port DT ..... 197
  - Wizard ..... 157
- Boxes, Calendar, Expandable ..... 102
- Brailleable Labels and Sheets ..... 97
- Braille
  - Alphabet/Numbers Card ..... 108
  - Answer Sheets ..... 18
  - Badges ..... 152
  - Beads ..... 84
  - Binders, Floppy ..... 126
  - Clock Face Sheets ..... 67
  - Code for Chemical Notation ..... 182
  - Contraction Cards ..... 48
  - Quick Check ..... 108
  - DateBook ..... 165
  - Dividers, 3-Hole Punch ..... 121
  - Documents, Covers for ..... 120
  - Envelopes for, Mailing ..... 120
  - Instruction: Lots of Dots ..... 43
  - Meterstick ..... 64
  - Notebooks ..... 123, 126
  - Paper ..... 121-122
  - Plastic Binder Envelopes ..... 126
  - Pocket Folders ..... 126
  - Print Numbers 0-100 Stickers ..... 101
  - Quick-Note, MiniBook ..... 165
  - Reading Program: BOP ..... 113-115
  - Slates, Styluses, Erasers ..... 98-99
  - Student Readers, WRS ..... 47
  - Student Starter Pack ..... 99
  - Super-Sized Folders ..... 126
  - Swing Cell Compact ..... 110
  - Touch and Tell ..... 111
  - Trail Reader LE ..... 154
  - Transcriber's Kits ..... 119, 120
- BrailleBlaster ..... 5, 154
- BrailleBuzz ..... 127
- Braille/Large Print Rulers ..... 64
- Braille/Print Weekly Reader ..... 110
- Brailler, Visual ..... 156
- Braillewriters (Brailers) ..... 119
- Braillewriting Dot by Dot ..... 97
- Brannan Cubarithm
  - Slate and Cubes ..... 62
- Brigance ..... 19
- Bright Line Reading Guide ..... 133
- Bright Shapes Knob Puzzles ..... 23
- Budgeting, Money Handling and ..... 166
- Building on Patterns Series (BOP) ..... 113-118

**C**

## Calendar

- APH InSights Art ..... 183
- Boxes, Expandable Kit ..... 102
- Classroom Kit ..... 106
- Everyday Activities ..... 26
- EZ Track ..... 167
- Individual Kit ..... 106
- Box Stabilizer ..... 103

Card(s)	
Chart Kit .....	106
Colored Shape .....	138
Drill, Math .....	52
Expanded Dolch Word .....	48
Score .....	174
Carousel of Textures Stickers .....	100
Carousel of Textures II Stickers .....	100
Chameleon 20 .....	4
Charger, 2 AMP USB .....	152
Checkbook, Adapted Practice .....	168
Child-guided Strategies .....	17
Clock	
Analog Model .....	67
Face Sheets in Braille .....	67
Clothing Tape, Tactile .....	166
Codebooks, BANA .....	179
Code Jumper .....	150
Collegiate Boldline Spiral Notebook .....	123
Color Raceway Kit .....	171
Color Star .....	164
Color-by-Texture	
Circus Coloring Pages .....	83
Marking Mats .....	83
Coloring the Garden, LOD .....	43
Colorino .....	162
Compass for Math/Art, Tactile .....	59
Constructo Set, Wooden .....	173
Consumable	
Hundreds Chart .....	60
Number Lines .....	56
Counting	
1 2 3, LOD .....	43
Method: Abacus .....	65
Quick Pick .....	63
Countries and Continents:	
Braille Transcriber's Kit .....	120
Covers for Braille Docs .....	120
Cranmer Abacus	
Hands-One Experience with the .....	65
Using the .....	65
Crossings With No Traffic Control .....	143
Crossword .....	173
Custom Graphics:	
Tactile Graphics Kit .....	104
CVI	
Book Builder .....	130
Complexity Sequences Kit .....	139
Increasing Complexity Pegboard .....	131
Information and Product List .....	9
Invisiboard .....	140
Match Sticks .....	133
Swirly Mats .....	139
Cylinder Set, Sensory .....	38
<b>D</b>	
Deafblind Pocket Communicator .....	164
Decision Making Guide .....	131
Denver, Guide Dog (video) .....	146
Desktop Stick-On Number Lines .....	57
Desk Top Reading Stand .....	109
Developmental Guidelines	
Infants with VI, Dev. Guide .....	25
Impairments, Parent and Their .....	26
Diagramming Kit: Picture Maker .....	148
Digital, Studio Recorder	
Audio Recording, Studio Recorder .....	181
Digital	
Light Box Artwork .....	137
Talking Book Cartridge .....	156



# Index

Dot by Dot, Braillewriting .....	97
DNA-RNA Kit .....	71
DNA Twist .....	71
DRAFTSMAN .....	104
Draw2Measure Protractor .....	54
Drill Cards, Math .....	52
Dycem .....	137

## E

Early Braille Tradebooks .....	94-96
Earth Science Tactile Graphics .....	74
Easel, Portable Reading, GrandStand .....	109
Echolocation/FlashSonar .....	143
Effective Use of Objects .....	24
Embossed Graph Sheets .....	124-125
Pencil Writing Paper .....	119
Emmy's Town, Toodle Tiles .....	141
English Measurement Rulers .....	64
ENVISION .....	132
Everybody Plays! .....	87
Every Child Can, VIPS Video .....	41
Everyday Activities Calendar .....	26
Expandable Calendar Boxes .....	102
Expanded Beginner's Abacus .....	66
Expanded Dolch Word Cards, UEB .....	48
Experiential Learning .....	26
Explorer Bright Ray .....	131
EZ Test Battery Tester .....	166
Track Products .....	167

## F

Familiar Object Pictures .....	138
Feel 'n Peel Products .....	100-101
Feel The Beat .....	81
Financial Record Keeper, EZ Track .....	167
Fitness Kits .....	89
Flashlight Kit, Variable Beam .....	132
Flexible Rulers .....	64
Fine Motor Development Materials .....	34
Flip-Over Concept Books .....	51, 112
FACES App .....	152
Floppy Braille Binder .....	126
FOCUS in Mathematics .....	59
Foil, Aluminum Diagramming .....	104
Folders .....	126
FoldRite .....	85
Form Board Kit, Puzzle .....	36
Four Line 8 Dot Slate .....	99
Fractions: Flip-Over Concept Books .....	51, 112
Fractional Parts of Wholes Set .....	62
Functional Activities/VI Preschoolers, HANDS ON .....	35
Skills Assessment .....	163
FVA (Functional Vision Assessment) .....	165
Swirly Mats .....	139
FVLMA .....	17

## G

## Games

Kit .....	173
Quick Pick Series .....	63
Scattered Crowns .....	172
TREKS .....	174
Web Chase .....	173
Games for People with Sensory Impairment .....	87
Games of Squares .....	175
Genetic Code Large Print/Braille .....	72
Geometro .....	58
Getting to Know You .....	160
Glasses, UltraLens .....	129
Giant Textured Beads .....	35-36
Globe, World .....	78
GlowDice .....	172
Going Places .....	41, 88
GrandStand .....	109
Graph Sheets, All .....	124-125
Graphic(s)	
Aid for Mathematics .....	62
Art Tape .....	103
Image Library, Tactile .....	186
Tactile, Geometry .....	61
Gross Motor Development Curriculum .....	88

## H

Handheld Magnifier, Video Mag HD .....	6, 133
Hands-on Experience Cranmer Abacus (video) .....	65
HANDS ON: Functional Activities .....	35
Hatlen Center Guide, Quick & Easy ECC .....	159
Headphones, Stereo .....	157
Health Education For Students With VI: Teacher Guide .....	69
Holder for Slate .....	99
Hop-A-Dot Mat .....	171
How to Order and Related Information .....	191-198
Hundred Board .....	51
Hundreds Chart, Consumable .....	60
I-M-ABLE .....	127
Illinois Braille Series, UEB Book 1 and 2 .....	178
Impressor, The .....	182
Individual Calendar Kit .....	106
Individual Study Screen .....	131
InSights Art Calendar .....	183
IntelliTactiles Pre-Braille Concepts .....	105
Interactive U.S. Map .....	79
Intervention Continuum .....	11
Invisiboard .....	140

## I



## J

- JAWS and ZoomText ..... 155
- Joy Player, The ..... 34
- Jumbo Work/Play Tray ..... 40
- Juno Magnifier ..... 6
- Jump Rope to Fitness Kit ..... 89
- Jupiter Portable Magnifier ..... 6, 154

## K

- Keitzer Check Writing Guide ..... 164
- KeyMath3 ..... 13
- Krebs' Binder ..... 125

## L

- Labeling, Marking, and Organization ..... 168
- Labels and Sheets, Braille ..... 97
- Laptime and Lullabies ..... 24
- Learning
  - My ABC's, LOD ..... 43
  - Nemeth Braille Code, The ..... 182
- Learn Keys: Verbal Keyboard Feedback ..... 108
- Ledge Mini-Lite and Large Light Box
- Letter Folding Tool: FoldRite ..... 85
- Life Science Tactile Graphics ..... 74
- Light Boxes ..... 134
- Light Box Materials and Related ..... 135-139
- Ledge Set ..... 137
- Light In-Sight ..... 73

- Line Paths: Flip-Over Concept Books ..... 112
- Line Slate, Tactile Graphic ..... 99
- Literacy, On the Way ..... 27-30
- Lots of Dots (LOD) Series ..... 43
- Low Vision Simulators ..... 130
- Loving Me ..... 181

## M

### Magazines

- SQUID Tactile Activities ..... 175
- Subscriptions, accessible editions ..... 187
- MagneTachers Magnetic Labels ..... 168

### Magnifier,

- Jupiter Portable ..... 6, 154
- Video Mag HD, handheld ..... 6, 133

### Mailing Envelopes for Braille ..... 120

### Mantis Q40 ..... 4

### Map(s) ..... 78, 79, 120

### Marking Mat(s)

- Tactile ..... 112
- Color-by-Texture ..... 83

### Materials, custom-made ..... 185

### Mats, Swirly ..... 139

### Match Sticks ..... 133

### Match-It-Up Frames ..... 93

### Matching Blocks, Textured ..... 36

### Materials

- Carry-All ..... 182
- Light Box ..... 136, 137
- MathBuilders Kits ..... 55

## Math(ematics)

Braille Transcriber's Kit .....	119
Drill Cards .....	52
Flash.....	54, 153
Graphic Aid for .....	62
Kit, FOCUS in .....	59
Nemeth Code Reference Sheet .....	63
Quick Pick .....	63
Robot .....	53
Tutorial .....	56
MATT Connect .....	6, 153
Medical Record Keeper, EZ Track .....	167
Meterstick .....	64
Metric-English Measurement Ruler.....	64
Miniguide US .....	145
MiniBook Braille Quick-Note Products.....	165
Mini-Lite Box.....	134
Mini-Lite Box Overlays.....	135
Money Handling and Budgeting .....	166
Money Talks Software .....	166
Moving Ahead Series.....	32
Multiple-Choice Answer Sheets.....	18
Multiple Disabilities Products.....	11
Multiplication and Division Table Kit .....	60
Museum, APH.....	185

## N

National Geographic Atlas .....	78
Nearby Explorer .....	144
Nemeth Code	
for Mathematics and Science Notation .....	181
Ref. Sheet for Basic Math.....	63
Nemeth Tutorial .....	56

Newsweek Subscription.....	187
NewT Kit .....	16
Notebook(s) .....	121, 123, 126
Number Lines .....	56-57
Number/Math Drill Cards .....	52

## O

Objects, Effective Use of, .....	24
O&M	
Crossings With No Traffic Control .....	143
Family Booklet Software .....	146
Miniguide US .....	145
Picture Maker.....	148
Portable Sound Source.....	88
Quick-Draw Paper.....	105
Step-by-Step .....	147
Sunu Band.....	162
Tactile Graphics .....	146
Tactile Town .....	144
Trivia.....	145
Wheelchair Users w/Vi, for .....	147
One-Foot Braille Rulers .....	64
On the Way to Literacy (OTWL) Series .....	27-30
Orbit Reader 20 .....	156
Ordering and Related Info. ....	191-198
Organizers	
Braille DateBook .....	165
EZ Track Products.....	167
Outline Maps of the U.S. ....	81



## P

- Padlock, Push Button ..... 168
- Paint by Number Safari
  - Tropical Rainforest ..... 82
  - Under the Sea ..... 82
  - Backyard Creatures ..... 82
- Paint Pot Palette ..... 84
- PixBlaster Embosser ..... 5
- Paper ..... 104-105, 114-126
- Parents and Their Infants  
w/Visual Impairments (PAIVI) ..... 26
- Parenting With a VI ..... 26
- Parquetry Set, Seated ..... 133
- Parts of a Whole:
  - Flip-Over Concept Books ..... 112
- Parts of Wholes Set, Fractional ..... 62
- PATTER: Preschool Attainment  
Through Typical Everyday Routines ..... 25
- PermaBraille ..... 122
- Peg(s)
  - Kit ..... 37
  - Pegboard, and ..... 138
  - Slate ..... 97
  - Textured ..... 36
- Periodic Table ..... 70, 75
- Perkins Braille ..... 119
- Picture Maker ..... 148
- PageBlaster Embosser ..... 5
- Place Value Setter ..... 52
- Plexiglass
  - Blocks/Spinner ..... 138
  - Spinner and Spinner Patterns ..... 138
- Pocket-Size Notebook ..... 126
- Pop-A-Cell ..... 110
- Pop-A-Dot ..... 18
- Portable Sound Source ..... 88
- Practice2Master Fractions ..... 53
- Preschoolers, HANDS ON:
  - Functional Activities ..... 35
- President's Message ..... 2
- Protein Synthesis Kit ..... 72
- Protractors ..... 61-62
- Punnett Squares, Tactile ..... 73
- Pumpkin Puzzles ..... 31
- Push Button Padlock ..... 168
- Puzzle(s)
  - Bright Shapes Knob ..... 23
  - Crossword ..... 173
  - Form Board Kit ..... 36
  - Map, U.S. .... ?
  - Slide, Twist 'N Solve ..... 174
  - SQUID Tactile ..... 175
  - Tactile Tangrams ..... 55
  - Talking Word ..... 176
  - Word Quest ..... 173

## Q

- Quick
  - Check ..... 108
  - Draw Paper ..... 105
- Quick & Easy ECC:
  - Hatlen Center Guide ..... 159
  - Icon Poster ..... 158
- Quick Pick: Braille Contractions ..... 92
- Quick Pick Series ..... 63

## R

Reach & Match .....	25
Reach for the Stars .....	23
ReadWrite Stands .....	109
Reader's Digest Subscription .....	187
Reading	
Guide, Bright Line .....	133
Stands .....	108-109
Reclaiming Independence (video) .....	165
Recording Device, APH SoundPage .....	30
Reflection & Refraction Kit, Light In-Sight .....	73
Refreshable Braille Display, Braille Trail Reader LE .....	154
Returns Policy .....	196
Rib-It-Balls .....	87
Rigby Nonfiction Kits .....	96
Rigby Platinum .....	95
Robot, Math .....	53
Rolling Into Place .....	31
Rulers .....	64

## S

SAM: Symbols and Meaning .....	102
Scattered Crowns: Tactile Attribute Game .....	172
Science	
Adapting, for Students with Visual Impairments .....	73
Basic, Tactile Graphics .....	76
Materials Kit, Adapted .....	73
Tactile Graphics, Life .....	76

Score Card Set .....	172
Screen, Individual Study .....	31
Seated Parquetry Set .....	133
See Like Me: Low Vision Simulators .....	130
Select Switch .....	34
Self-Esteem and Adjusting with Blindness .....	183
Sense of Science Series .....	76
Sensory	
Cylinder Set .....	38
Impairments, Product List .....	11
Learning Kit (SLK) .....	34
Services from APH .....	184-188
Setting the Stage .....	111
Shape Board .....	37
Shipping Methods .....	192-193
Signature Guide, APH .....	168
Shafer Reading Stand .....	108
Skeleton, Touch, Label, and Learn .....	75
SlateHolder .....	99
Slates/Styluses/Erasers .....	97-99
Slate and Cubes, Brannan Cubarithm .....	62
Slide, Twist, 'N Solve Tactile Brain Teaser .....	174
Small, Medium, & Large Circles Sets .....	38
SMART Brailer .....	119
Social Media, APH .....	184
Software	
Armadillo Army .....	141
Book Wizard .....	157
BrailleBlaster .....	5, 154
JAWS and ZoomText .....	155
Learn Keys .....	108
Math Flash .....	54



## Software, cont.

Money Talks .....	166
O&M Family Booklet .....	146
Ordering .....	194
Studio Recorder .....	181
Talking Typer .....	107
Talking Word Puzzles .....	174
Teacher's Pet .....	20
Termite Torpedo .....	141
Toodle Tiles .....	141
Sorting Circles/Shapes, Textured .....	59
Sound	
Adapted Tangle Ball Kit .....	39
Balls, APH .....	87
Matching Boards .....	37
Source .....	88
SoundPage, APH .....	30
Snap Circuits Jr Access .....	153
Spangle Tangle .....	39
Spanish Products List .....	188
Spinner Overlays for the Light Box .....	135
Spiral Pocket Notebook .....	126
SQUID Tactile Activities Magazines .....	175
StackUps .....	60
STACS .....	103
Stands, Reading .....	108-109
State Maps Collection .....	79
Step-by-Step: An Interactive Guide to Mobility Techniques .....	147
Stereo Headphones .....	157
Stickers .....	100-101
Sticky Dots Adhesive .....	31

## Storybook(s)

Alphabet Scramble .....	31
Best for a Nest, The .....	23
Early Braille Tradebooks .....	94-96
Everybody Plays! .....	87
Going on a Bear Hunt .....	32
Holy Moly .....	23
Moving Ahead Series .....	32
On the Way to Literacy Series .....	27-30
Rolling Into Place .....	31
Student Starter Pack .....	99
Student Workbook Kit for Geometro .....	58
Studio Recorder Software .....	181
Study Screen, Individual .....	131
Styluses, All .....	98
Sunu Band .....	162
Super-Sized Folders .....	126
Swail Dot Inverter .....	105
Swing Cell Compact .....	110
Swirly Mat Sets .....	139

## T

## Tactile

Algebra Tiles .....	55
Anatomy Atlas, Basic .....	77
Attribute Game Scattered Crowns .....	172
Book Builder Kit .....	33
Brain Teaser, Slide, Twist, 'N Solve .....	176
Clothing Tape .....	166
Compass for Math/Art .....	59
Connections .....	102
Demonstration Thermometer .....	74
Drawing Board, DRAFTSMAN .....	104
Editing Marks Kit .....	45
Feel 'n Peel .....	100-101



## Tactile, cont.

Five and Ten Frames .....	51
Game: Web Chase .....	173
Graphic Line Slate .....	99
Graphics Kit .....	104
Instruction: Setting the Stage .....	111
Marking Mat .....	112
Punnett Squares .....	73
Protractors, and Large Print .....	61-62
Tangrams .....	55
Town: 3-D O&M Kit .....	144
Treasures .....	35
World Globe .....	78
World Maps .....	78
TactileDoodle Kit .....	92

## Tactile Graphic(s)

Basic Science .....	76
Image Library (TGIL) .....	186
Kit .....	104
Kit, Geometry .....	61
Life Science .....	74
Line Slate .....	99
O&M .....	146
TactPlus Printer and Paper .....	151
TADPOLE Kit .....	16
ToAD Kit .....	16
Topaz Filters .....	129

## Talking

Book Cartridge, Digital .....	156
Color Identifier, Colorino .....	162
GlowDice .....	172
Software, Math Flash .....	54
Time Machine, Zeitgeist .....	162
Typewriter .....	174
Word Puzzles .....	174

## Tangle

Ball Kit, Sound Adapted .....	39
Toy .....	38

## Tape

Graphic Art .....	103
Tactile Clothing .....	168
Teach Me to See (video) .....	132

## Teaching

the Student with a Visual Impairment (TSVI) .....	181
Street Crossing to Students w/VI .....	143
Touch .....	111
Teacher's Pet .....	20
Teen Scene (video) .....	132
Tennis Kit, 30-Love .....	89
Termite Torpedo .....	141
Texture: Flip-Over Concept Books .....	112

## Textures

Beads, Giant .....	35-36
Matching Blocks .....	36
Paper Collection .....	104
Pegs .....	36
Shapes, Geometric .....	148
Sorting Circles/Shapes .....	59
Strips .....	148
Time for Art .....	83
ToAD Kit .....	16
Toodle Tiles .....	141
Toss-Away Rulers .....	64
Touch and Tell .....	111
Touch 'em All Baseball .....	172
Touch, Label and Learn .....	77
Tours of APH .....	185
Toy, Tangle .....	38



# Index

Transcription, Braille, Codebooks, BANA .....	179
Transition Tote System .....	159
Transparent CCTV Rulers .....	65
Travel Device, Miniguide US .....	145
Trays .....	40
TREKS .....	174
Tri-fold Board .....	140
Twist, Turn, & Learn .....	34

## U

UltraLens .....	129
USB Charger, 2 AMP .....	152
Using the Cranmer Abacus .....	65
U.S. & Canada Atlas .....	79
U.S. Puzzle Map .....	79

## V

Variable Beam Flashlight .....	132
Venn Diagram Template Kit .....	61
VideoMag HD Handheld Magnifier .....	6
Video List .....	178
VIPS@Home Program .....	42
VIPS Video Library Series .....	41
Visual Braille app .....	156

## W

Walk/Run for Fitness Kit .....	89
Warranty/Repairs .....	197-198
Web Chase .....	173
Weekly Reader, Print/Braille Edition .....	110

Wheatley Tactile Diagramming Kit: Picture Maker .....	148
Wilson Reading System (WRS) .....	46-47
Woodcock-Johnson (WJ IV) .....	20
Wooden Jr. Constructo Set .....	173
Word .....	

Associations, Tactile .....	106
Cards, Expanded Dolch .....	48
PlayHouse .....	48
Quest Puzzles .....	173
Work-Play Trays .....	40
World at Your Fingers .....	78
World .....	
Globe, Tactile .....	78
Maps, Tactile .....	78
WRAT5 .....	14

## Y

Yardstick, LP/Braille .....	64
Young Children .....	
Fine Motor Development Materials .....	34
Literacy, On the Way to .....	27-30
Tactile Treasures .....	35

## Z

Zeitgeist Talking Time Machine .....	162
ZoomText, JAWS and .....	155



# Federal Quota Funds Could Help Purchase APH Materials For Students

The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet or function at the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). **These funds are credited to Federal Quota accounts** maintained and administered by APH and its Ex Officio Trustees throughout the United States and Outlying Areas.

## Who is Eligible?

While there is **no chronological age limit for student Federal Quota Program eligibility; they MUST fulfill the following requirements:**

- **Meet the definition of blindness (MDB)** — a central visual acuity of 20/200 or less (using a Snellen chart or an acuity determined in Snellen equivalents) in the better eye with the best correction or a peripheral field of vision no greater than 20 degrees

**OR**

- **Function at the definition of blindness (FDB)** — when visual function meets the definition of blindness as determined by an eye care specialist (ophthalmologist or optometrist) or other medical doctor such as a neurologist. Students in this category manifest unique visual characteristics often found in conditions referred to as neurological, cortical, or cerebral visual impairment (e.g., brain injury or dysfunction).
- School-aged students must be enrolled in a formally organized public, private, or nonprofit educational program of less than college level on the first Monday in January.
- Adult students must be registered for at least 12 weeks for a minimum of 20 hours per week of documented instruction of less than college level, during the preceding calendar year (the twelve weeks do not have to be consecutive). Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours.
- As of the 2018 census, each infant, preschool, or school-aged student must have a signed parent permission form to be registered in the Federal Quota Program, as well as adults with a guardian.

## Who are the Ex Officio Trustees?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

## Want More Information?

For more information about the Federal Quota program, visit [aph.org/federal-quota](http://aph.org/federal-quota) or call **1-800-223-1839, ext. 257**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for the Federal Quota Program and the APH materials purchased with Federal Quota funds.





AMERICAN  
PRINTING  
HOUSE

1839 Frankfort Avenue  
Louisville, KY 40206-3152



Prefer not to receive catalogs in the future? It's easy to opt out. Send an email to [catalogs@aph.org](mailto:catalogs@aph.org).

## ACCESSIBLE CATALOGS

The **aph.org** website hosts downloadable, accessible PDF versions of our Products, Parts, and APH Press Catalogs. Visit this link to view or download <https://www.aph.org/catalog-order-form/>

